

ASCO First Edition

STATISTICAL CLASSIFICATION

AUSTRALIAN BUREAU OF STATISTICS



AUSTRALIAN STANDARD CLASSIFICATION OF OCCUPATIONS

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AUSTRALIAN STANDARD CLASSIFICATION OF OCCUPATIONS

(FIRST EDITION)

STATISTICAL CLASSIFICATION

IAN CASTLES
Australian Statistician

ASCO PUBLICATIONS AND DOCUMENTS

INTRODUCTION TO ASCO PUBLICATIONS (FIRST EDITION)

STATISTICAL CLASSIFICATION

The Conceptual Basis of ASCO

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Keyword Index of Structure Titles

DICTIONARY OF OCCUPATIONS

CODING SYSTEM (UNIT GROUP LEVEL)

Supervisor's Reference Manual

Manual Coding Training Guide

Manual Coding User's Guide

Coding Index

Coding Index: Numerical Order

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PREFACE

This document is one of a series which presents the first edition of the Australian Standard Classification of Occupations (ASCO). This new classification is the product of an extensive work programme undertaken by a joint project team from the Department of Employment and Industrial Relations (DEIR) and the Australian Bureau of Statistics (ABS).

In the 1970s it became clear that the occupational classifications then in use in Australia suffered from a number of deficiencies which led to widespread criticism, as for example in the Norgard Report on Review of the Commonwealth Employment Service (June 1973) and the Crawford Report on Structural Adjustment (March 1979). Against this background, DEIR and ABS established a joint project in 1978 to develop a new standard classification of occupations.

Research into the needs of the user community and consideration of the relevant technical and conceptual issues led to the conclusion that the structure of the new classification should be based on kind of work, defined primarily in terms of skill level and skill specialisation. Following this, the new structure was constructed on the basis of information on occupational characteristics gathered from an extensive program of field work and statistical feasibility testing.

Progressively, from the first release of this publication (September 1986), ASCO will be used in the presentation of ABS statistics, starting with the Labour Force Survey, Survey of Employee Earnings and Hours and the 1986 Population Census.

The background work leading to the final definition of this important new classification would not have been possible without the co-operation and assistance of many organisations and individuals. Those who have assisted are too numerous by far to list individually, but ABS and DEIR would like to express their appreciation of organisations of industry and commerce, trades unions and other employee representative organisations, State and Commonwealth Government departments and instrumentalities, higher education institutions, community organisations, academics and many private individuals.

Further releases of this document will be issued, as appropriate and in the light of practical experience gained from the use of the classification in ABS activities and from feedback from the user community at large.

IAN CASTLES Australian Statistician

September 1986

ASCO

STATISTICAL CLASSIFICATION

PART 1

THE CONCEPTUAL BASIS OF ASCO

THE CONCEPTUAL BASIS OF ASCO

Introduction

ASCO is a skill-based classification of occupations developed in Australia as a national standard for the production and analysis of labour force statistics, human resources management, education planning, the listing of job applicants and vacancies, the provision of occupational information and for vocational guidance.

The development of ASCO was a response to a strong user demand for a skill- based classification suitable for adoption as an Australian standard. This demand presented a significant challenge in so far as the term 'skill' is a concept capable of being interpreted in a wide variety of ways.

The starting point for developing the concept of skill in relation to an occupation was to examine the intended applications of the classification and then to develop a conceptual approach which would result in a structure suitable for these applications. This led to a dialogue with potential users of ASCO and to the publication of alternative structures, as the basis for further discussion. The discussions culminated in a second user requirements survey in 1983–84. The information from this survey played a significant role in the development of the final structure.

The concept of skill is represented in ASCO by two distinct criteria: skill level and skill specialisation. The skill level of an occupation is a function of the amount of formal education, on-the-job training and previous experience usually necessary before an individual can satisfactorily perform the set of tasks involved. The skill specialisation of an occupation is a function of the field of knowledge required, tools or equipment used, materials worked on and goods and services produced in relation to the tasks performed. Further discussion of these concepts will be found later in this introduction.

Both of these criteria are defined in terms of necessary requirements for the performance of a set of tasks for a given occupation.

ASCO has four distinct levels of aggregation: at the base level, there are 1079 distinct occupations covering all jobs in the Australian labour force; at the next level of aggregation there are 282 unit groups each containing a number of occupations; at the third level of aggregation there are 52 minor groups each containing a number of unit groups; and at the fourth level there are eight major groups.

At one stage in the development of ASCO it was planned to produce, as a final classification, two distinct structures. Both were to be based on a common set of building blocks at the Unit Group level (the level at which statistical collections such as the Population Census were coded). However, one would be designated as the 'skill structure' and the other the 'type of work' structure. This decision was made, partly because of initial doubts about the feasibility of developing a skill-based classification and partly because of concern that a significantly different occupation classification might not find ready acceptance from many users.

The definition of type of work originally adopted for the development of ASCO defined the concept as being concerned with what a person did in a job, how he or she did it and, in some cases, why it was being done. It was stated that type of work may involve the identification of materials worked on (if any), products or services produced, and machines, tools or work aids used.

The difficulties with this approach were ultimately traced to the absence of a suitable operational definition of type of work. Further research enabled a definition to be developed but it then became clear that to discuss type of work as a classification criterion distinct from any skill criterion was misconceived.(An account of this research was presented as a paper to the Sociology Section, Conference of the Australian and New Zealand Association for the Advancement of Science, Perth 1983. The paper was entitled 'The Classification of Occupations According to their Intrinsic Properties'.)

In ASCO, the concept of 'type of work performed' is now interpreted in terms of the set of tasks that workers in an occupation are required to perform. As explained above, these sets of tasks are in turn classified in terms of the variables skill level and skill specialisation. ASCO groups occupations into successively broader groups on the basis of their similarity in terms of these criteria. Moreover the two criteria are correlated and the application of either of these criteria at any given level of the classification usually constrains the range of variation in the other.

In summary, the structure developed for the first edition of ASCO is based on a conceptual model which is a significant departure from previous approaches to the classification of occupations. The model incorporates operationally feasible criteria which have been applied as consistently as possible throughout the classification. What follows is a detailed description of this conceptual model.

Definition of a Classification

A classification defines a particular relation of similarity between all members of a class of objects.

The principal purpose of classification is to simplify the real world and enhance the understanding of it. The desire for understanding is usually directed towards some particular purpose and this purpose guides the choice of what attributes of the objects to abstract and what to discard as irrelevant. The complexity of the real world is reduced by studying only a relatively small number of selected attributes of the objects concerned and grouping those objects into categories that are useful in furthering analysis and understanding.

To develop a classification it is necessary first to identify the objects to be classified; then to select those attributes of the objects which are relevant; to define the objects precisely in terms of those attributes; and to define a relation of similarity between the objects in terms of those attributes. This relation must then be used to group the objects into successively broader categories.

The purpose of ASCO is to identify a set of occupations covering all jobs in the Australian economy; to define those occupations in terms of a number of selected attributes; and to group those occupations on the basis of their similarity into successively broader categories for purposes of statistical description and analysis. The individual objects to be classified are jobs and to begin the construction of the conceptual model it is necessary to define the concept of job in terms of the attributes of interest. An occupation is then defined as a set of jobs which are identical in terms of those attributes. A relation of similarity between any pair of occupations is defined in terms of these attributes so as to enable them to be grouped into successively broader categories.

The Concept of Job

A job in any given establishment is a set of tasks designed to be performed by one individual.

Any particular job will typically involve a particular individual working for a particular employer at a particular location and undertaking a particular set of tasks in return for a wage or salary. Of course, some people may work for themselves but they are still regarded as having a job and belonging to the labour force. The description of the particular tasks will usually involve the identification of any tools or equipment used, materials worked on and goods or services produced.

The Concept of Occupation

An occupation is a set of jobs with identical sets of tasks.

Of course, every job is a little different. In practice, an occupation is a collection of

jobs sufficiently similar in their main tasks to be grouped together for classification purposes. The ASCO occupation definitions list the set of tasks which are common to all jobs in any given occupation. These tasks are referred to as the primary tasks of the particular occupation. The occupation definitions also list any more specific tasks which are attributes of the specialisation titles identified for that occupation.

The above definitions of the concepts of job and occupation are consistent with those adopted either implicitly or explicitly by other national and international occupation classifications e.g.

- . International Standard Classification of Occupations (ISCO), published by the International Labour Office, Geneva
- Classification of Occupations and Directory of Occupational Titles (CODOT), published by the Department of Employment, United Kingdom
- Canadian Classification and Dictionary of Occupations (CCDO), published by Department of Employment and Immigration, Canada
- Dictionary of Occupation Titles (DOT), published by Department of Labor, United States of America.

The point of departure of ASCO from international practice begins with the interpretation of the concept of type of work in terms of the set of tasks involved and continues with the definition of the degree of similarity between two occupations on the basis of the degree of similarity between the sets of tasks involved.

The Concept of Similarity in Type of Work

The commonly accepted definitions of the terms 'job' and 'occupation' and the generally accepted procedure for moving from the concept of job to the concept of occupation provide the intuitive basis for a definition of the degree of similarity in type of work between any pair of occupations.

The degree of similarity in type of work between two occupations varies directly as the degree of similarity between the sets of tasks involved in each occupation.

In comparing two occupations with very similar sets of tasks the degree of similarity can be assessed simply by a direct comparison of the tasks involved. If the two occupations have few or no tasks in common there is then a need for some criteria for assessing the similarity of sets of tasks.

The following criteria have been adopted for assessing the similarity of disjoint sets of tasks:

- range and complexity
- . field of knowledge required
- tools and equipment used
- . materials worked on
- goods and services produced

These criteria have been combined into the two broader concepts of skill level and skill specialisation (defined below). Hence, by definition, the degree of similarity between two occupations is a function of the values of the skill level and skill specialisation variables associated with the sets of tasks involved in each occupation.

The Concept of Skill Level

The skill level of an occupation is a function of the range and complexity of the set of

tasks involved. The greater the range and complexity of the set of tasks the greater the skill level of the occupation.

An occupation that involves more complex tasks than another will have a greater skill level than the other. Further, an occupation which requires the performance of a wide range of tasks has a higher skill level than an occupation which requires the performance of a subset of those same tasks.

The above definition of skill level captures an intuitive understanding of the concept. However, it is difficult to use it to compare any pair of occupations in the labour force. A more operational definition is required.

In general, the greater the range and complexity of the set of tasks involved, the greater will be the amount of formal education, on–the–job training and experience required before an individual can perform that set of tasks satisfactorily. For example, the occupation of engineer typically requires an individual to undertake 12 years of primary and secondary education, and a 4 year degree or diploma combined with significant practical experience before he or she is able to perform the set of tasks involved satisfactorily. Similarly, the occupation of fitter and turner typically requires an individual to undertake 10 years of primary and secondary education and a 4 year apprenticeship before he or she is able to perform the tasks satisfactorily. On this basis, it could be concluded that the occupation of engineer has a higher skill level than that of fitter and turner.

Hence, the following operational measure of this important concept has been adopted:

The skill level of an occupation is a function of the amount of formal education, on-the-job training and previous experience usually necessary before an individual can perform the set of tasks involved satisfactorily.

A number of aspects of this definition require comment. Skill level is an attribute of occupations and not an attribute of particular individuals in the labour force. For example, to classify the occupation of motor mechanic to a major group in the ASCO structure it is necessary to examine the amount of formal education, on-the-job training and previous experience that an individual usually requires in order to perform the set of tasks involved satisfactorily. The relevant values of these variables are given in all ASCO occupation and group definitions.

In coding jobs to the ASCO structure, it is not relevant whether any particular individual working as a motor mechanic has this amount of training. It is not relevant whether any particular individual is an extremely competent, an average or an extremely poor motor mechanic. The individual's job would be classified to the occupation of motor mechanic and the job would be assigned an ASCO code based on the location of that occupation in the structure.

The three variables used in the measurement of skill level – formal education, on-the-job training and previous experience – require definition themselves. They are defined with specific reference to the Australian institutional structure.

Formal education consists of three types: primary, secondary and tertiary education. Primary and secondary education are measured in years of schooling. The number of years of secondary education is expressed as the total number of years of primary and secondary schooling e.g. in most Australian States, year 12 represents 6 years of primary education plus 6 years of secondary education. Tertiary education is divided into categories consistent with those recognized by the Australian Council of Awards in Advanced Education (ACAAE) and the Technical and Further Education Advisory Council (TAFEAC). When practical training is incorporated as a necessary component of formal education it is not separately identified.

On-the-job training is defined as training given to a worker after he or she has been employed in the job in question. It is usually not supervised by recognized educational institutions. It is measured in weeks, months or years as appropriate.

Previous experience for a given occupation is defined as the number of years of experience required in other occupations before an individual can satisfactorily perform the tasks of the occupation in question.

Obviously, the determination of the skill level of each occupation in the classification involves some subjective judgement. This is particularly so with respect to judgements about the amount of on-the-job training and previous experience necessary for an individual to perform the tasks satisfactorily. In practice, current labour market requirements for entry into a job in a given occupation were often used as an indicator.

The relevant data was sought from employer groups, trade unions, educational institutions and well informed individuals. There was some variation in the relevant data supplied from the various sources particularly across industries and across States. Often there are a number of possible routes of entry to any given occupation. Only the most common routes of entry are listed in the occupation and group definitions and only the most common formal route of entry is used for classification purposes. The data given in the occupation and group definitions represents the best judgement of the ASCO Project Team but should not be interpreted as authoritative.

The principal use of the skill level criterion in ASCO is for the purpose of defining the major groups. Table 1 lists the eight major groups in the classification and their appropriate values on each of the variables which collectively define skill level.

Table 1: The Skill Level of ASCO Major Groups

MAJOR GROUP	SECONDARY EDUCATION	TERTIARY EDUCATION	ON-THE-JOB TRAINING	RELEVANT EXPERIENCE
Managers and Administrators	12	degree/diploma		7 years
Professionals	12	degree/diploma		
Para-professionals	12	associate diploma	6 months	
Tradespersons	10	apprenticeship	(00 the SE) on the on	
Clerks	11		6 months	
Salespersons and Personal Service Workers	10		3 months	
Plant and Machine Operators, and Drivers			1 year	
Labourers and Related Workers			3 months	

Individual occupations in each of these groups may vary significantly from the typical pattern. This occurs in those segments of the classification where the correlation between skill level and skill specialisation is less marked than elsewhere.

An example will illustrate the point. Managers of small establishments are classified in the major group Managers and Administrators but those occupations do not require a degree or diploma for satisfactory performance of the set of tasks involved. They were included in that major group on the basis of the skill specialisation criterion. Conversely, a few occupations classified in the major group Salespersons and Personal Service Workers typically require a degree or diploma for satisfactory performance. Again, these occupations were included in that major group on the basis of the skill specialisation criterion.

There are other instances of lack of skill level homogeneity at major group level. Some general explanations for these variations will be given in the section entitled

Application of the Criteria and more specific explanations are given in the relevant group definitions. However, most of these problems disappear at the minor group level as a result of the stronger correlation between the skill level criterion and the skill specialisation criterion at that level of disaggregation.

Although the principal application of the skill level criterion is at the major group level of the classification, it is used at the occupation level to distinguish trainee occupations (e.g. apprentices) from those occupations which require training as a prerequisite. Skill level is also used at the occupation level to distinguish supervisory occupations from the occupations supervised. As explained in the section entitled Design Constraints, these distinctions are made at occupation level for reasons of statistical feasibility.

The Concept of Skill Specialisation

The skill specialisation of an occupation is a function of the field of knowledge required, tools and equipment used, materials worked on, and goods and services produced in relation to the tasks performed.

These terms are defined below:

<u>Field of knowledge required:</u> This variable indicates the subject matter which is essential to the tasks performed.

<u>Tools or equipment used:</u> This variable indicates the plant, machinery or hand tools used in the performance of the tasks.

The term plant is used to describe mobile or stationary equipment which is large in size, performs several related functions, and is usually controlled by an internally located operator. The term machinery is used to describe stationary equipment which is not as large as plant, performs one processing function and is usually controlled by an externally located operator. The term hand tools is used to describe equipment which is small enough to be moved and operated by one person.

<u>Materials worked on:</u> This variable indicates the materials which are extracted, processed, refined or fabricated as an essential part of the tasks performed.

Goods or services produced: This variable indicates the goods or services produced as a result of the performance of the tasks.

The skill specialisations identified within each of a set of broad skill levels have been determined by an examination of the primary tasks of all occupations within each skill level. This procedure has led to the empirical determination of unique clusters of primary tasks and the resultant grouping of the relevant occupations into appropriate cells. This approach was assisted by the existence of widely recognised categories of occupations such as machine operators, plant operators, trades assistants, natural scientists, teachers, sales representatives, technicians, etc.

The procedure has been supplemented by an examination of the frequency distribution of occupation responses obtained in censuses and surveys. A keyword search of these responses yielded large clusters of occupation titles such as plant operator, machine operator, factory hand, labourer, trades assistant, salesman, clerk, manager, etc. The lists of tasks given as the main tasks of these occupations were analysed in conjunction with the relevant titles. It was then found that the most frequently occurring clusters of tasks corresponded well with the clusters of primary tasks obtained as a result of the content analysis of the ASCO occupation descriptions.

Hence the specific variables used to measure skill specialisation are similar to those traditionally used in the development of occupation classifications. The approach used in ASCO is essentially to extract the skill level dimension first and then to classify occupations within skill levels on the basis of skill specialisation interpreted in an

appropriate manner for each particular skill level. An examination of the ASCO structure will reveal the obvious correlation between skill level and the particular interpretation of skill specialisation.

For example, occupations in Major Group 2, Professionals, are classified into minor groups on the basis of field of knowledge required for the performance of the tasks: Natural Scientists, Building Professionals and Engineers, Health Diagnosis and Treatment Practitioners, etc. Occupations in Minor Group 21, Natural Scientists, are classified into unit groups on the basis of more specific categories of field of knowledge: Chemists, Geologists and Geophysicists, Physicists, Life Scientists, Medical Testing Professionals, and Other Natural Scientists.

On the other hand, occupations in Major Group 7, Plant and Machine Operators and Drivers, are classified into minor groups on the basis of the tools or equipment used or operated in the performance of the tasks: Road and Rail Transport Drivers, Mobile Plant Operators (except Transport), Stationary Plant Operators, and Machine Operators. Occupations in Minor Group 71, Road and Rail Transport Drivers, are classified into unit groups on the basis of more specific categories of tools or equipment used or operated: Bus and Tram Drivers, Automobile Drivers, Truck Drivers, and Locomotive Drivers.

The Application of the Criteria

Although the selection and operational definition of the classification criteria provides the basis for the construction of the classification there is considerable scope for debate on the relative emphasis to be given to skill level and skill specialisation at each level of the classification.

To solve this problem, two quantitative measures were developed that can be used to assess the degree to which a particular structure achieves the basic objective.

The two measures are defined as properties of the cells of the classification so that they can be applied at unit, minor and major group levels. They are defined as follows:

A task is primary to a cell if it is listed in the cell description.

Cell homogeneity is the ratio of the number of occupations in a given cell whose primary tasks are primary to the cell to the total number of occupations in the cell.

Cell coverage is the ratio of the number of occupations in a given cell whose primary tasks are primary to the cell to the total number of occupations having the same primary tasks.

The following example will illustrate the simplicity of the above concepts. Suppose there exist a number of occupations whose primary tasks involve selling and suppose there exists a major group entitled Salespersons. To maximise cell homogeneity would require that the majority of occupations classified to the major group Salespersons would list selling as their primary task. Similarly, to maximise cell coverage, would require that the majority of occupations whose primary tasks are selling should be classified in the Sales major group.

The quantitative evaluation of the classification in terms of these concepts has had to await the development of the occupation and group definitions to a sufficient standard of completeness and consistency. To date, this form of evaluation has only been undertaken in an intuitive way but it will provide a framework for future review and possible revision.

The major groups of the classification are distinguished principally on the basis of the skill level criterion. However, at this very broad level of aggregation, it is difficult to design groups which are as homogeneous as some users might wish. The minor groups are distinguished from each other principally on the basis of a broad band of values of the skill specialisation criterion; the unit groups and occupations are

distinguished principally on the basis of a progressively narrower range of values of the same criterion.

Design Constraints

ASCO was developed for the specific practical applications outlined in the opening paragraph. Although the structure is based on the conceptual model described above, it was constrained by practical considerations such as the framework of Australian economic and social institutions, the relative significance of particular occupations in the Australian labour force, data collection possibilities in statistical censuses and surveys, and user demand for statistics on particular categories of occupations. It was also constrained by the need for the structure to have sufficient intuitive appeal to provide the basis for its acceptance as a national standard classification.

The structure of some major groups in the classification has been constrained by the Australian institutional framework. The most notable example is Major Group 4, Tradespersons. ASCO has closely followed an existing and widely accepted classification of tradespersons used by all State Apprenticeship Committees. While it may have been possible to develop a conceptually superior classification of occupations in this major group, it was decided that the advantages of incorporating an existing standard were more important. Further, during the design of the structure, specific reference was made to the existence of trades courses in the majority of the States before it was decided to classify occupations to this major group rather than another. There are some exceptions to this rule where occupations have been classified as trades although no trades courses yet exist, e.g. sheep shearers.

Another factor which influenced the final structure of the classification was the design objective of producing a structure which is statistically balanced. For example, since there are eight major groups in the classification, the average size of a major group is 12.5% of the labour force. A group which is smaller than 5% of the labour force is not by definition a 'major' group. In practice, the approximate size of the major groups ranges from 5.5% to 18%. A similar design constraint was imposed at all levels of the classification.

Hence, the occupations defined in the classification have been identified on the basis of their significance in the Australian labour force. A somewhat arbitrary limit of 300 was set as the minimum number of jobs in a group before it was given the status of a principal occupation in ASCO. Groups of jobs smaller than this are given the status of specialisations of the principal occupations.

The nicety of the classification has also been compromised by limitations imposed by data collection possibilities in statistical censuses and surveys. An extensive program of operational testing was conducted by the ABS to ensure the statistical feasibility of categories defined at all levels of the structure. When prototype structures for the classification were first developed, they were extensively tested on data obtained in regular ABS collections such as the Labour Force Survey and the Employer Survey. They were also tested in the extensive development program for the 1986 Census of Population and Housing.

At the same time, a very significant research program was conducted to improve the quality of data obtained in all major ABS collections. Significant improvements in data quality were achieved in all these collections and this reduced the need to compromise the structure of the classification. However, when particular segments of the structure still posed problems in a number of different collections there was no choice but to modify the classification. In general, distinctions between categories which proved difficult to draw on the basis of available data were relegated to the lower levels of the classification.

A number of examples will illustrate the significant effect which this has had on the structure of ASCO. Operational testing revealed that it was not possible to distinguish reliably between apprentices and tradespersons without asking a number of additional questions just on this issue. Similarly, it was found that it was not possible to distinguish between supervisors and the workers they supervise without asking a number of additional questions on the specific issue of supervision.

In order to minimize the imposition on respondents, the ABS limits the number of questions which can be devoted to any one topic in any given collection. Since the classification was designed so that the unit group level would be the principal statistical collection level, both of these distinctions are now made only at the occupation level of the structure.

Another constraint on the nicety of the classification has been imposed by the requirements of significant users for a particular set of occupations to be grouped together (or otherwise) for statistical purposes. For example, there was a strong user demand for all tertiary teachers to be classified together as teachers rather than as economists, political scientists, engineers, carpenters, welders, plumbers etc. This demand was reinforced by the results of feasibility testing which revealed that, when tertiary teachers were asked about their occupation, most of them did not state their field of specialisation. In short, the only feasible solution was to classify them simply as tertiary teachers.

Lastly, the structure has been constrained by the design objective of producing major and minor groups which have some intuitive appeal and some minimum level of comparability with other major national and international occupation classifications. A number of prototype structures were developed on the basis of a more strict application of the ASCO criteria but these were not intuitively appealing. They were discarded as unlikely to provide the basis for a widely accepted national standard classification.

Thus, although the structure is based on the conceptual model outlined in this section, the reader will note some instances where the classification criteria have been applied with less precision. Most of these instances can be explained by the operation of some of the constraints mentioned above.

ASCO

STATISTICAL CLASSIFICATION

PART 2

STRUCTURE AND GROUP DEFINITIONS

ASCO STRUCTURE

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SUMMARY OF ASCO CRITERIA

The structure of ASCO is based on kind of work, defined in terms of two broad criteria – skill level and skill specialisation.

SKILL LEVEL

The skill level of an occupation is a function of the range and complexity of the set of tasks involved.

It is measured by the amount of formal education, on-the-job training and previous experience usually necessary for the satisfactory performance of the set of tasks.

Formal education consists of three types – primary, secondary and tertiary education. Secondary education is measured as the combined total of years of primary and secondary schooling. Tertiary education is divided into categories consistent with those recognized by the Australian Council of Awards in Advanced Education and the Technical and Further Education Advisory Council.

On-the-job training is defined as training received after employment in the job and is measured in weeks, months or years.

Previous experience for a given occupation is defined as the number of years of experience gained in other occupations which contribute to the satisfactory performance of the set of tasks.

SKILL SPECIALISATION

This criterion is used to group occupations according to type, rather than level, of skill.

It is measured by:

- field of knowledge;
- . tools or equipment used;
- . materials worked on;
- goods or services produced.

(1) Field of knowledge

This variable indicates the subject matter which is essential to the tasks performed.

(2) Tools or equipment used

This variable indicates the plant, machinery or hand tools used in the performance of the tasks.

The terms 'plant', 'machinery' and 'hand tools' are defined as follows:

- plant mobile or stationary equipment, which is large in size, performs several related functions, and is usually controlled by an internally located operator;
- machinery usually stationary equipment, which is not as large as plant, performs one processing function and is usually controlled by an externally located operator;
- hand tools equipment which is small enough to be moved and operated by one person.

(3) Materials worked on

This variable indicates the materials which are processed, refined or fabricated as an essential part of the tasks performed.

(4) Goods or services produced

This variable indicates the goods or services which are produced as a result of the tasks performed.

PROFILE OF THE ASCO STRUCTURE

LEVELS IN THE STRUCTURE

The structure of ASCO has four levels:

- major group
 - minor group unit group
- occupation.

Major Groups are:

- the broadest level of the classification
- denoted by 1-digit codes
- distinguished from each other on the basis of skill level.

There are 8 Major Groups.

Minor Groups are:

subdivisions of the major groups

denoted by 2-digit codes (the relevant major group code, plus an

additional digit)

distinguished from other minor groups in the same major group on the basis of broadly stated skill specialisation

There are 52 Minor Groups.

Unit Groups are:

subdivisions of the minor groups denoted by 4-digit codes (the relevant minor group code, plus 2 additional

digits)

distinguished from other unit groups in the same minor group on the basis of a finer degree of skill specialisation

There are 282 Unit Groups.

Occupations are:

subdivisions of the unit groups;

denoted by 6-digit codes (the relevant unit group code, plus a hyphen and 2 additional digits);

distinguished from other occupations in the same unit group on the basis of detailed skill level and specialisation

sets of jobs which involve the performance of a common set of tasks.

There are 1079 Occupations.

The following example illustrates these conventions:

CODE	TITLE
2	Professionals
28	Artists and Related Professionals
2805	Designers and Illustrators
2805-13	Graphic Designer
	2 28 2805

RESERVED CODES

Occupation and unit group codes in ASCO end in odd digits to allow for future expansion without need for substantial re-numbering.

Certain codes are reserved for residual categories and for supervisory and trainee occupations.

Residual Categories

A set of codes is reserved for residual categories at the minor group, unit group and occupation levels. These categories cover elements not included in substantive categories at various levels in the classification.

The reserved codes are:

- M9uu-oo at minor group level
- Mm99-oo at unit group level
- . Mmuu-99 at occupation level

(where Mmuu is the unit group code and Mmuu-oo the occupation code)

Most groups in ASCO contain a number of substantive subsets at the next lower level. Each subset was created by selecting occupations or groups of occupations which are similar in terms of the classification criteria. In many cases, however, some occupations remain which have nothing in common except that they all belong to the same broader group. As a result, the substantive subsets together do not correspond to the entire group. For example, not everything in the Minor Group

82 Agricultural Labourers and Related Workers

is covered by the substantive Unit Groups

8201 Farm Hands and Assistants

8203 Forestry Labourers

and

8205 Nursery and Garden Labourers.

Consequently categories have been created to cover the remaining elements. These are called 'residual categories'. In the above example, the residual Unit Group

8299 Other Agricultural Labourers and Related Workers

was created to cover the balance of Minor Group 82.

ASCO uses several terms to indicate residual categories – 'miscellaneous' at the minor group level, 'other' at the unit group level, and 'nec' (for 'not elsewhere classified') at the occupation level.

Residual categories are less homogeneous than other groups at the same level, but are required to ensure that the structure is exhaustive at all levels.

Reserved Codes at Occupation Level

At the occupation level there are two sets of reserved codes - those for supervisors, and those for trainees.

Supervisory codes have a zero in the first column following the hyphen. They range from Mmuu-01 to Mmuu-09.

The term 'supervisor' covers foremen/women, superintendents, overseers and other workers who both supervise and participate in the work of a team of Clerks, Salespersons and Personal Service Workers, Tradespersons, Plant and Machine Operators and Drivers and/or Labourers and Related Workers.

Trainee codes have a nine in the first column following the hyphen. They range from Mmuu-91 to Mmuu-97.

The term 'trainee' covers employed persons undertaking a period of on-the-job training, whether or not in conjunction with formal study for a particular occupation. They may or may not be apprenticed or otherwise indentured.

SUPPLEMENTARY CODES

Supplementary codes are used to process inadequately described responses in statistical collections. The codes are of two types – those commencing with '9' and those ending with one or more zeros.

Codes commencing with '9' are used to process responses which do not provide sufficient information to be coded to any level of the structure. They may also be used to process responses which are not covered by the current definition of the labour force (as defined by the International Labour Office) and are thus not contained within the structure, for example, 'housewife', 'pensioner' and 'student'.

Codes ending in one or more zeros are used to process responses which do not provide sufficiently detailed information to be coded to the level of the structure adopted for the collection, but which do provide enough information to be coded to a higher level of the structure. Thus, for example, responses which are codable only at the major or minor group levels can be processed within a collection coded at the unit group level. The following table details the use of these codes for relevant levels of the structure.

COLLECTION CODED TO	CODE	RESPONSE CODABLE ONLY TO
minor group	M0	major group
unit group	M000 Mm00	major group minor group
occupation	M000-00 Mm00-00 Mmuu-00	major group minor group unit group

(Where M is a major group code, Mm is a minor group code, and Mmuu is a unit group code.)

NAMING CONVENTIONS

- 1. Titles at all levels are designed to illustrate the mutually exclusive nature of the groups and occupations. For this reason most titles are unique to one group or occupation. However, there are some groups which contain only one subset, and therefore possess exactly the same title as that subset.
- All substantive terms in ASCO titles appear as nouns rather than adjectives.
- 3. At major, minor and unit group levels titles are in plural form, but occupation titles, including alternative and specialisation titles, are in singular form.
- 4. ASCO uses three terms to indicate residual categories: 'miscellaneous' at the minor group level, 'other' at the unit group level, and 'nec' (for 'not elsewhere classified') at the occupation level.

Residual categories always occur at the end of lists and their codes end in '9' as described above in the section, Reserved Codes.

5. Gender-neutral terms have been used in all titles, with the exception of some titles used by the Defence Forces.

6. Some commonly-used terms have restricted meanings in ASCO. These are defined above in Summary of ASCO Criteria, and in specific group definitions.

DISTRIBUTION OF MAJOR, MINOR, UNIT GROUPS AND OCCUPATIONS

MA	AJOR GROUPS	MINOR GROUPS	UNIT GROUPS	OCCUP- ATIONS
1.	Managers and Administrators	6	21	60
2.	Professionals	9	62	191
3.	Para-professionals	6	22	113
4.	Tradespersons	9	60	275
5.	Clerks	7	23	72
6.	Salespersons and Personal Service Workers	6	20	82
7.	Plant and Machine Operators, and Drivers	4	40	162
8.	Labourers and Related Workers	5	34	124
A		\$W	282	1079

ASCO STRUCTURE MAJOR GROUPS

MAJOR GROUPS

1	MANAGERS	AND	ADMINISTRATO	RS
	WANAGERS	AND	ADMINISTRATO	JΗ

- 2 PROFESSIONALS
- 3 PARA-PROFESSIONALS
- 4 TRADESPERSONS
- 5 CLERKS
- 6 SALESPERSONS AND PERSONAL SERVICE WORKERS
- 7 PLANT AND MACHINE OPERATORS, AND DRIVERS
- 8 LABOURERS AND RELATED WORKERS

Food Tradespersons MANAGERS AND ADMINISTRATORS 47 11 Legislators and Government Appointed 48 Amenity Horticultural Tradespersons Officials 49 Miscellaneous Tradespersons 12 General Managers 13 Specialist Managers 5 **CLERKS** 14 Farmers and Farm Managers 51 Stenographers and Typists 15 Managing Supervisors (Sales and 52 Data Processing and Business Machine Service) Operators 16 Managing Supervisors (Other 53 **Numerical Clerks** Business) Filing, Sorting and Copying Clerks 54 Material Recording and Despatching 55 2 **PROFESSIONALS** Clerks 21 **Natural Scientists** Receptionists, Telephonists and 56 22 **Building Professionals and Engineers** Messengers 59 23 Health Diagnosis and Treatment Miscellaneous Clerks Practitioners 24 School Teachers SALESPERSONS AND PERSONAL 6 SERVICE WORKERS Other Teachers and Instructors 25 Investment, Insurance and Real Estate 61 26 Social Professionals Salespersons 27 **Business Professionals** 62 Sales Representatives 28 Artists and Related Professionals Sales Assistants 63 29 Miscellaneous Professionals Tellers, Cashiers and Ticket 64 Salespersons PARA-PROFESSIONALS 65 Miscellaneous Salespersons 31 Medical and Science Technical 66 Personal Service Workers Officers and Technicians Engineering and Building Associates 32 7 PLANT AND MACHINE OPERATORS, and Technicians AND DRIVERS 33 Air and Sea Transport Technical 71 Road and Rail Transport Drivers Workers 72 Mobile Plant Operators (except 34 Registered Nurses Transport) 35 Police 73 Stationary Plant Operators 39 Miscellaneous Para-Professionals 74 Machine Operators **TRADESPERSONS** 4 8 LABOURERS AND RELATED WORKERS 41 Metal Fitting and Machining 81 Trades Assistants and Factory Hands Tradespersons Agricultural Labourers and Related 82 42 Other Metal Tradespersons Workers 43 Electrical and Electronics 83 Cleaners Tradespersons Construction and Mining Labourers 84 **Building Tradespersons** 44 89 Miscellaneous Labourers and Related 45 **Printing Tradespersons** Workers

Vehicle Tradespersons

46

ASCO STRUCTURE UNIT GROUPS

1	MANAGERS AND	2101	Chemists
	ADMINISTRATORS	2103	Geologists and Geophysicists
11	LEGISLATORS AND GOVERNMENT APPOINTED OFFICIALS	2105	Physicists
1101		2107	Life Scientists
1101	Parliamentarians, Councillors and Government Representatives	2109	Medical Testing Professionals
1103	Judges, Magistrates and Mediators	2199	Other Natural Scientists
12	GENERAL MANAGERS	22	BUILDING PROFESSIONALS AND ENGINEERS
1201	General Managers	2201	Architects and Landscape Architects
13	SPECIALIST MANAGERS	2203	Quantity Surveyors
1301	Finance Managers	2205	Cartographers and Surveyors
1303	Sales and Marketing, Managers	2207	Chemical Engineers
1305	Production Managers	2209	Civil Engineers
1307	Supply and Distribution Managers	2211	Electrical and Electronics Engineers
1309	Personnel and Industrial Relations	2213	Mechanical Engineers
1311	Managers Data Processing Managers	2215	Mining Engineers
1313	Public Policy Managers	2217	Metallurgists and Materials Scientists
1315	Directors of Nursing	2219	Other Engineers
1317	Education Managers		
1319	Commissioned Officers	23	HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS
	(Management)	2301	General Medical Practitioners
1399	Other Specialist Managers	2303	Specialist Medical Practitioners
14	FARMERS AND FARM MANAGERS	2305	Dental Practitioners
1401	Farmers and Farm Managers	2307	Pharmacists
45	MANIACING SUPERVISORS (SALES	2309	Occupational Therapists
15	MANAGING SUPERVISORS (SALES AND SERVICE)	2311	Optometrists
1501	Shop Managers	2313	Physiotherapists
1503	Restaurant and Catering Managing Supervisors	2315	Speech Pathologists
1505	Accommodation and Tavern	2317	Chiropractors and Osteopaths
1505	Managing Supervisors	2319	Podiatrists
1507	Financial Institution Branch Managers	2321	Radiographers
1599	Other Managing Supervisors (Sales	2323	Veterinarians
1333	and Service)	2399	Other Health Diagnosis and Treatment Practitioners
16	MANAGING SUPERVISORS (OTHER BUSINESS)	24	SCHOOL TEACHERS
1601	Managing Supervisors (Other Business)	2401	Pre-Primary School Teachers
	pusitiess;	2403	Primary School Teachers
2	PROFESSIONALS	2405	Secondary School Teachers
		2407	Special Education Teachers
21	NATURAL SCIENTISTS		

UNIT GROUPS ASCO STRUCTURE

	25	OTHER TEACHERS AND INSTRUCTORS	3	PARA-PROFESSIONALS
	2501	University and CAE Teachers	31	MEDICAL AND SCIENCE TECHNICAL OFFICERS AND TECHNICIANS
	2503 2505	TAFE Teachers Extra-Systemic Teachers and	3101	Medical Technical Officers and Technicians
	26	Instructors SOCIAL PROFESSIONALS	3103	Science Technical Officers and Technicians
	2601	Social Workers		
			32	ENGINEERING AND BUILDING ASSOCIATES AND TECHNICIANS
	2603	Counsellors Lawyers	3201	Electrical and Electronic Engineering Associates and Technicians
	2607	Ministers of Religion	3203	Civil Engineering Associates and Technicians
	27	BUSINESS PROFESSIONALS	3205	Mechanical Engineering Associates and Technicians
	2701	Accountants	3207	Building, Architectural and Surveying
	2703	Public Relations Officers		Associates and Technicians
	2705 2707	Personnel Specialists	3299	Other Engineering and Building Associates and Technicians
•		Computing Professionals		
	2799	Other Business Professionals	33	AIR AND SEA TRANSPORT TECHNICAL WORKERS
	28	ARTISTS AND RELATED PROFESSIONALS	3301	Aircraft Pilots
	2801	Painters, Sculptors and Related Professionals	3303	Air Transport Operating Support Workers
	2803	Photographers	3305	Ship's Pilots and Deck Officers
	2805	Designers and Illustrators	3307	Marine Engineers and Surveyors
	2807	Journalists	24	DECISTEDED NUDGES
	2809	Authors and Related Professionals	34	REGISTERED NURSES
	2811		3401	Registered Nurses
	2813	Film, Television and Stage Directors	35	POLICE
		Dancers and Choreographers	3501	Police
	2815	Musicians, Composers and Related Professionals		
	2817	Actors and Related Professionals	39	MISCELLANEOUS PARA-PROFESSIONALS
	2819	Announcers	3901	Welfare Para-Professionals
	••		3903	Performing Arts Support Workers
	29	MISCELLANEOUS PROFESSIONALS	3905	Inspectors and Regulatory Officers
	2901	Economists	3907	Child Care Co-Ordinators
	2903	Psychologists	3909	Ambulance Officers
	2905	Education Researchers and Related Professionals	3911	Prison Officers
	2907	Other Social-Scientists	3913	Procurement Officers
	2909	Mathematicians, Statisticians and Actuaries	3915	Sportspersons and Related Workers
	2911	Librarians	3999	Other Para-Professionals
	2999	Other Professionals	4	TRADESPERSONS

ASCO STRUCTURE UNIT GROUPS

41	METAL FITTING AND MACHINING TRADESPERSONS	4511	Screen Printers
4101	Toolmakers	46	VEHICLE TRADESPERSONS
4103	Metal Fitters and Machinists	4601	Vehicle Mechanics
42	OTHER METAL TRADESPERSONS	4603	Panel Beaters
4201		4605	Vehicle Painters
	Forging Tradespersons	4607	Vehicle Body Makers
4203	Sheetmetal Tradespersons	4609	Vehicle Trimmers
4205	Structural Steel, Boilermaking and Welding Tradespersons	47	FOOD TRADESPERSONS
4207	Metal Casting Tradespersons	4701	Meat Tradespersons
4209	Metal Finishing Tradespersons	4701	Bakers and Pastrycooks
4211	Aircraft Maintenance Engineers	4705	
4213	Precision Metal Tradespersons	0.000	Cooks
40	ELECTRICAL AND ELECTRONICS	4799	Other Food Tradespersons
43	ELECTRICAL AND ELECTRONICS TRADESPERSONS	48	AMENITY HORTICULTURAL TRADESPERSONS
4301	Electrical Powerline Tradespersons	4801	Nurserymen/women
4303	Electrical Fitters	4803	
4305	Automotive Electricians		Greenkeepers
4307	Refrigeration and Air-Conditioning	4805	Gardeners
	Mechanics	49	MISCELLANEOUS TRADESPERSONS
4309	Electrical Mechanics	4901	Wood Machinists and Turners
4311	Communications Equipment Tradespersons	4903	Cabinetmakers
4313	Radio and Television Servicers	4905	Other Wood Tradespersons
4315	Office Equipment and Computer *	4907	Marine Construction Tradespersons
	Servicers	4909	Blasting Tradespersons
4399	Other Electrical and Electronics Tradespersons	4911	Garment Tradespersons
		4913	Upholsterers and Bedding
44	BUILDING TRADESPERSONS	4015	Tradespersons
4401	Carpenters and Joiners	4915	Shoemaking and Repairing Tradespersons
4403	Bricklayers	4917	Other Leather and Canvas
4405	Painters, Decorators and Signwriters	4010	Tradespersons
4407	Plasterers	4919	Floor Coverers
4409	Plumbers	4921	Glass Tradespersons
4411:	Roof Slaters and Tilers	4923	Jewellery and Precious Metalware Tradespersons
4413	Wall and Floor Tilers	4925	Craftworkers
45	PRINTING TRADESPERSONS	4927	Hairdressers
4501	Compositors	4929	Sheep Shearers
4503	Graphic Reproduction Tradespersons	4931	Animal Trainers
4505	Printing Machinists	4999	Other Tradespersons
4507	Binders and Finishers		
4509	Stereotypers and Electrotypers	5	CLERKS

UNIT GROUPS ASCO STRUCTURE

	51	STENOGRAPHERS AND TYPISTS	61	INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS
	5101	Office Secretaries and Stenographers	6101	Securities and Finance Dealers
	5103	Typists and Typist-Clerks	6103	Insurance Brokers and Agents
	5105	Word Processing Operators	6105	Real Estate Salespersons and Property Managers
	52	DATA PROCESSING AND BUSINESS MACHINE OPERATORS	6199	Other Investment, Insurance and Real Estate Salespersons
	5201	Data Processing Machine Operators	62	SALES REPRESENTATIVES
	5203	Business Machine Operators	6201	Sales Representatives
	53	NUMERICAL CLERKS	0201	Sales Representatives
	5301	Accounting Clerks	63	SALES ASSISTANTS
	5303	Insurance and Broking Clerks	6301	Sales Assistants
	5305	Statistical and Actuarial Clerks	64	TELLERS, CASHIERS AND TICKET SALESPERSONS
	54	FILING, SORTING AND COPYING	6401	Tellers
		CLERKS	6403	Cashiers
	5401	Library and Filing Clerks	6405	Ticket Salespersons
	5403	Mail Sorters,	65	MISCELLANEOUS SALESPERSONS
	5499	Other Filing, Sorting and Copying Clerks	6501	Street Vendors, Canvassers and
	55	MATERIAL RECORDING AND	0301	Sales Drivers
	33	DESPATCHING CLERKS	6503	Bar Attendants . 200
	5501	Production Recording Clerks	6505	Waiters and Waitresses
	5503	Transport Recording and Despatching Clerks	6507	Travel Agents
	5505	Stock and Purchasing Clerks	6599	Other Salespersons
			66	PERSONAL SERVICE WORKERS
	56	RECEPTIONISTS, TELEPHONISTS AND MESSENGERS	6601	Child Care, Refuge and Related Workers
	5601	Receptionists and Information Clerks	6603	Enrolled Nurses
	5603	Telephonists	6605	Dental Nurses
	5605	Messengers and Delivery Officers	6607	Home Companions and Aides
	59	MISCELLANEOUS CLERKS	6609	Travel Stewards
	5901	Collection Clerks	6699	Other Personal Service Workers
	5903	Teachers' Aides		
	5905	Personnel Clerks	7	PLANT AND MACHINE OPERATORS, AND DRIVERS
	5907	Legal and Related Clerks		OFERATORS, AND DRIVERS
	5909	Postal Clerks and Officers	71	ROAD AND RAIL TRANSPORT DRIVERS
	5999	Other Clerks	7101	Bus and Tram Drivers
	•	CAL ECREPCONIC AND	7103	Automobile Drivers
	6	SALESPERSONS AND PERSONAL SERVICE	7105	Truck Drivers
WORKERS	WORKERS	7107	Locomotive Drivers	

ASCO STRUCTURE UNIT GROUPS

72	MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)	7425	Fabric Production Machine Operators
7201	Excavating and Earthmoving Plant	7427	Textile Sewing Machinists 259
	Operators	7429	Shoemaking Machine Operators
7203	Forklift and Related Drivers	7431	Food Processing Machine Operators
7205	Logging Plant Operators	7433	Packaging Machine Operators
7207	Paving and Surfacing Plant Operators	7435	Photographic Products Machine Operators
7209	Agricultural Plant Operators	7499	Other Machine Operators
7211	Fire Fighters		
7299	Other Mobile Plant Operators (except Transport)	8	LABOURERS AND RELATED WORKERS
73	STATIONARY PLANT OPERATORS	81	TRADES ASSISTANTS AND FACTORY HANDS
7301	Power Generation Plant Operators	8101	Trades Assistants
7303	Engine and Boiler Operators (except Power Generation)	8103	Assemblers
7305	Chemical Plant Operators	8105	Hand Packers
7307	Petroleum and Gas Plant Operators	8107	Industrial Spray Painters
7309	Bulk Materials Handling Plant	8109	Quality Controllers
	Operators	8199	Other Trades Assistants and Factory
7311	Crane Operators		Hands
7313	Hoist, Winch and Lift Operators	82	AGRICULTURAL LABOURERS AND
7315	Furnace and Kiln Operators		RELATED WORKERS
7317	Drilling Plant Operators	8201	Farm Hands and Assistants
7399	Other Stationary Plant Operators	8203	Forestry Labourers
74	MACHINE OPERATORS	8205	Nursery and Garden Labourers
7401	Basic Metal Products Machine Operators	8299	Other Agricultural Labourers and Related Workers
7403	Metal Press Operators	83	CLEANERS
7405	Other Metal Products Machine Operators	8301	Cleaners
7407	Plastics Production Machine Operators	84	CONSTRUCTION AND MINING LABOURERS
7409	Rubber Production Machine	8401	Installation Workers
7411	Operators Chaminal Production Machine	8403	Concrete Workers
	Chemical Production Machine Operators	8405	Structural Steel and Related Construction Labourers
7413	Wood Processing Machine Operators	8407	Earthmoving Labourers
7415	Paper and Paper Products Machine Operators	8409	Paying and Surfacing Labourers
7417	Glass Production Machine Operators	8411	Survey Hands
7419	Clay and Stone Processing Machine	8413	Railway Labourers
7.404	Operators	8415	Mining and Mineral Ore Treating
7421	Yarn Production Machine Operators	0.400	Labourers
7423	Hide and Skin Processing Machine Operators	8499	Other Construction and Mining Labourers

UNIT GROUPS ASCO STRUCTURE

89	MISCELLANEOUS LABOURERS AND RELATED WORKERS
8901	Ushers and Door Attendants
8903	Luggage Porters
8905	Garbage Collectors
8907	Storemen/women
8909	Freight and Furniture Handlers
8911	Guards and Security Officers
8913	Caretakers
8915	Housekeepers
8917	Laundry Workers
8919	Kitchenhands
8921	Ward Helpers
8923	Vehicle Accessories Fitters
8925	Fishermen/women, Deckhands and Seamen/women
8999	Other Labourers and Related

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1	MANAGERS AND ADMINISTRATORS	1309	PERSONNEL AND INDUSTRIAL RELATIONS MANAGERS
		1309-11	Personnel and Industrial Relations Manager
11	LEGISLATORS AND		
	OFFICIALS	1311	DATA PROCESSING MANAGERS
		1311-11	Data Processing Manager
1101	PARLIAMENTARIANS, COUNCILLORS AND GOVERNMENT REPRESENTATIVES	1313	PUBLIC POLICY MANAGERS
1101-11	Member of Parliament	1313-11	Public Policy Manager
1101-00	Parliamentariana Councillara and	1010 11	Table Folloy Manager
1101-99	Parliamentarians, Councillors and Government Representatives nec	1315	DIRECTORS OF NURSING
1103	JUDGES, MAGISTRATES AND MEDIATORS	1315-11	Director of Nursing
1103-11	Coroner	1317	EDUCATION MANAGERS
1103-13	Judge	1317-11	School Principal
1103-15	Magistrate	1317-99	Education Managers nec
1103-17	Administrative Appeals Tribunal Member	1319	COMMISSIONED OFFICERS
1103-19	Industrial Tribunal Member		(MANAGEMENT)
		1319-11	Commissioned Police Officer
12	GENERAL MANAGERS	1319-13	Commissioned Fire Officer
1201	GENERAL MANAGERS	1319-15	Commissioned Defence Force Officer (Management)
1201-11	General Manager	1319-91	Trainee Officer (Defence Forces)
13	SPECIALIST MANAGERS >	1399	OTHER SPECIALIST MANAGERS
		1399-11	Engineering Manager
1301	FINANCE MANAGERS	1399-13	Research Manager
1301-11	Finance Manager	,	
		1399-99	Specialist Managers nec
1303	SALES AND MARKETING MANAGERS	14	FARMERS AND FARM
1303-11	Sales and Marketing Manager		
		1401	FARMERS AND FARM MANAGERS
1305 1305-11	PRODUCTION MANAGERS Production Manager (Manufacturing	1401-11	Grain, Oilseed and Pasture Grower
1305-11	and Mining)	1401-13	Sugar Cane Grower
1305-13	Producer (Media)	1401-15	Tobacco Grower
		1401-17	Beef Cattle Farmer
1307	SUPPLY AND DISTRIBUTION MANAGERS	1401-19	Dairy Farmer
1307-11	Supply and Distribution Manager	1401-21	Sheep Farmer
		1401-23	Pig Farmer

1401-25	Poultry Farmer
1401-27	Horse Breeder
1401-29	Mixed Farmer
1401-31	Fruit and Nut Grower
1401-33	Vegetable Grower
1401-35	Apiarist
1401-91	Trainee Farmer
1401-99	Farmers and Farm Managers nec
15	MANAGING SUPERVISORS (SALES AND SERVICE)
1501	SHOP MANAGERS
1501-11	Shop Manager
1503	RESTAURANT AND CATERING MANAGING SUPERVISORS
1503-11	Restaurant and Catering Managing Supervisor
1505	ACCOMMODATION AND TAVERN MANAGING SUPERVISORS
1505-11	Hotel/Motel Manager
1505-13	Caravan Park Manager
1505-99	Accommodation and Tavern Managing Supervisors nec
1507	FINANCIAL INSTITUTION BRANCH MANAGERS
1507-11	Financial Institution Branch Manager
1599	OTHER MANAGING SUPERVISORS (SALES AND SERVICE)
1599-11	Hairdressing Establishment Managing Supervisor
1599-13	Sports Centre Manager
1599-15	Postmaster/mistress
1599-17	Real Estate Agency Manager
1599-19	Bookmaker
1599-21	Railway Station Master/Mistress
1599-99	Managing Supervisors (Sales and Service) nec

16	MANAGING SUPERVISORS (OTHER BUSINESS)	
1601	MANAGING SUPERVISORS (OTHER BUSINESS)	
1601-11	Importer-Exporter	
1601-13	Professional Builder	
1601-15	Building Contractor	
1601-17	Wholesaler	
1601-19	Manufacturer	
1601-99	Managing Supervisors (Other Business) nec	

2	PROFESSIONALS	2201-13	Landscape Architect
21	NATURAL SCIENTISTS	2203	QUANTITY SURVEYORS
2101	CHEMISTS	2203-11	Quantity Surveyor
2101-11	Chemist	2205	CARTOGRAPHERS AND SURVEYORS
2103	GEOLOGISTS AND GEOPHYSICISTS	2205-11	Cartographer
2103-11	Geologist	2205-13	Surveyor
2103-13	Geophysicist	2207	CHEMICAL ENGINEERS
2.00	Coopinysiols.	2207-11	Chemical Engineer
2105	PHYSICISTS		one made angineer
2105-11	Physicist	2209	CIVIL ENGINEERS
2107	LIFE SCIENTISTS	2209-11	Civil Engineer
2107-11	Anatomist	2211	ELECTRICAL AND ELECTRONICS ENGINEERS
2107-13	Physiologist —	2211-11	Electrical Engineer
2107-15	Biochemist	2211-13	Electronics Engineer
2107-17	Biophysicist		
2107-19	Botanist	2213	MECHANICAL ENGINEERS
2107-21	Ecologist	2213-11	Mechanical Engineer
2107-23	Zoologist	2215	MINING ENGINEERS
2107-25	Forester	2215-11	Mining Engineer (except Petroleum)
2107-27	Agricultural Extension Officer	2215-13	Petroleum Engineer
2107-99	Life Scientists nec		
2109	MEDICAL TESTING PROFESSIONALS	2217	METALLURGISTS AND MATERIALS . SCIENTISTS
2109-11	Medical Laboratory Scientist	2217-11	Extractive Metallurgist
2109-13	Clinical Physical Scientist	2217-13	Physical Metallurgist
2199	OTHER NATURAL SCIENTISTS	2217-15	Materials Engineer
2199-11	Environmental Scientist	2217-17	Materials Scientist
2199-13	Soil Scientist	2219	OTHER ENGINEERS)
2199-15	Meteorologist	2219-11	Aeronautical Engineer
2.00		2219-13	Agricultural Engineer
22	BUILDING PROFESSIONALS	2219-15	Naval Architect
	AND ENGINEERS	2219-17	Industrial Engineer
2201	ARCHITECTS AND LANDSCAPE ARCHITECTS	2219-99	Engineers nec
2201-11	Architect		

23	HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS	2311-11	Optometrist
2301	GENERAL MEDICAL PRACTITIONERS	2313	PHYSIOTHERAPISTS
2301-11	General Medical Practitioner	2313-11	Physiotherapist
2303	SPECIALIST MEDICAL	2315	SPEECH PATHOLOGISTS
	PRACTITIONERS	2315-11	Speech Pathologist
2303-11	Anaesthetist		*
2303-13	Cardiologist	2317	CHIROPRACTORS AND OSTEOPATHS
2303-15	Obstetrician and Gynaecologist	2317-11	Chiropractor
2303-17	Ophthalmologist	2317-13	Osteopath
2303-19	Orthopaedic Specialist	2319	PODIATRISTS
2303-21	Psychiatrist	2319-11	Podiatrist
2303-23	Radiologist		
2303-25	Paediatrician	2321	RADIOGRAPHERS
2303-27	Thoracic Specialist	2321-11	Medical Diagnostic Radiographer
2303-29	Dermatologist	2321-13	Medical Therapeutic Radiographer
2303-31	Otorhinolaryngologist	2321-15	Nuclear Medicine Technologist
2303-33	Urologist	2323	VETERINARIANS
2303-35	Surgeon	2323-11	Veterinarian
2303-37	Pathologist	2323 11	veterillarian
2303-39	Specialist in Rehabilitation Medicine	2399	OTHER HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS
2303-41	Specialist Physician	2399-11	Audiologist
2303-99	Specialist Medical Practitioners nec	2399-13	Dietitian
2305	DENTAL PRACTITIONERS	2399-15	Orthoptist
2305-11	Dentist	2399-99	Health Diagnosis and Treatment Practitioners nec
2305-13	Dental Specialist		riactitioners nec
		24	SCHOOL TEACHERS
2307	PHARMACISTS	2401	PRE-PRIMARY SCHOOL TEACHERS
2307-11	Hospital Pharmacist	2401-11	Pre-Primary School Teacher
2307-13	Industrial Pharmacist	2401-11	rie-rimary School Teacher
2307-15	Retail Pharmacist	2403	PRIMARY SCHOOL TEACHERS
2309	OCCUPATIONAL THERAPISTS	2403-01	Senior Teacher, Infant-Primary School
2309-11	Occupational Therapist	2403-11	Primary School Teacher
2311	OPTOMETRISTS	2405	SECONDARY SCHOOL TEACHERS

2405-01	Senior Teacher, Secondary School	2603-11	Rehabilitation Counsellor
2405-11	Secondary School Teacher	2603-13	Marriage Counsellor
0.407		2603-15	Family Court Counsellor
2407	SPECIAL EDUCATION TEACHERS	2603-17	Careers Counsellor and Adviser
2407-11	Resource Teacher	2603-99	Counsellors nec
2407-13	Teacher of Disabled or Gifted Students		
2407-99	Special Education Teachers nec	2605	LAWYERS
		2605-11	Barrister
25	OTHER TEACHERS AND INSTRUCTORS	2605-13	Solicitor
		2605-91	Articled Clerk
2501	UNIVERSITY AND CAE TEACHERS	2605-99	Lawyers nec
2501-11	University or CAE Lecturer	2607	MINISTERS OF RELIGION
2501-13	University or CAE Tutor	2607-11	Minister of Religion
2503	TAFE TEACHERS		and a second
2503-01	Head of School (TAFE)	27	BUSINESS PROFESSIONALS
2503-11	TAFE Teacher (Trades)	2701	ACCOUNTANTS
2503-13	TAFE Teacher (General Education)	2701-11	Accountant
		2701-91	Trainee Accountant
2505	EXTRA-SYSTEMIC TEACHERS AND INSTRUCTORS		
2505-11	Art Teacher (Private)	2703	PUBLIC RELATIONS OFFICERS
2505-13	Music Teacher (Private)	2703-11	Public Relations Officer
2505-15	Dance Teacher (Private)	2705	PERSONNEL SPECIALISTS
2505-17	Drama Teacher (Private)	2705-11	Personnel Officer
2505-19	Driving Instructor	2705-13	Training Officer
2505-21	Flying Instructor	2705-15	Staff Development Officer
2505-23	Ground School Instructor		
2505-25	Nurse Educator	2707	COMPUTING PROFESSIONALS
2505-99	Extra-Systemic Teachers and Instructors nec	2707-11	Applications Programmer
	instructors nec	2707-13	Systems Programmer
26	SOCIAL PROFESSIONALS	2707-15	Analyst Programmer
2601	SOCIAL WORKERS	2707-17	Computer Systems Analyst
2601-11	Social Planner and Administrator	2707-19	Software Engineer
2601-13		2707-21	Database Administrator
	Community Social Worker	2707-23	Computer Scientist
2601-15	Social Case Worker	2707-25	EDP Auditor
2603	COUNSELLORS		

	2799	OTHER BUSINESS PROFESSIONALS	2811-11	Art Director (Television, Film or Stage)
	2799-11	Medical Record Administrator	2811-13	Casting Director
	2799-13	Industrial Relations Officer	2811-15	Director (Film or Stage)
	2799-15	Organisation and Methods Analyst	2811-17	Director of Photography
	2799-99	Business Professionals nec	2811-19	Film Editor
	28	ARTICTO AND DELATED	2811-21	Stage Manager
20	20	ARTISTS AND RELATED PROFESSIONALS	2811-23	Director (Radio or Television)
	2801	PAINTERS, SCULPTORS AND RELATED PROFESSIONALS	2811-25	Technical Producer
	2801-11	Painter (Artistic)	2813	DANCERS AND CHOREOGRAPHERS
	2801-13	Sculptor	2813-11	Choreographer
	2801-99	Painters, Sculptors and Related	2813-13	Dancer
		Professionals nec		
	2803	PHOTOGRAPHERS	2815	MUSICIANS, COMPOSERS AND RELATED PROFESSIONALS
	2803-11	Photographer	2815-11	Music Director
	2805	DESIGNERS AND ILLUSTRATORS	2815-13	Concert and Opera Singer
	2805-11	Fashion Designer	2815-15	Popular Singer
	2805-13	Graphic Designer	2815-17	Instrumental Musician
	2805-15	Industrial Designer	2815-19	Composer
	2805-17	Interior Designer	2815-99	Musicians, Composers and Related Professionals nec
	2805-19	Illustrator		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
			2817	ACTORS AND RELATED PROFESSIONALS
	2807	JOURNALISTS	2817-11	Actor
	2807-01	Associate Editor	2817-13	Variety Artist
	2807-11	Sub-editor	2817-99	Actors and Related Professionals nec
	2807-13	Reporter		
	2807-15	Copy-writer	2819	ANNOUNCERS
	2807-91	Cadet Journalist	2819-11	Announcer
	2807-99	Journalists nec	29	MISCELLANICOLIS
	2809	AUTHORS AND RELATED	29	MISCELLANEOUS PROFESSIONALS
	2005	PROFESSIONALS	2901	ECONOMISTS
	2809-11	Author	2901-11	Economist
	2809-13	Book Editor	2001	20010111150
	2809-15	Script Editor	2903	PSYCHOLOGISTS
	2811	FILM, TELEVISION AND STAGE DIRECTORS	2903-11	Clinical Psychologist
	2011		2903-13	Educational Psychologist

2903-15	Occupational Psychologist
2905	EDUCATION RESEARCHERS AND RELATED PROFESSIONALS
2905-11	Curriculum Development Officer
2905-13	Education Officer
2907	OTHER SOCIAL SCIENTISTS
2907-11	Urban and Regional Planner
2907-13	Geographer
2907-15	Historian
2907-99	Social Scientists nec
2909	MATHEMATICIANS, STATISTICIANS AND ACTUARIES
2909-11	Mathematician
2909-13	Statistician
2909-15	Actuary
2911	LIBRARIANS
2911-11	Librarian
2999	OTHER PROFESSIONALS
2999-11	Conservator
2999-13	Archivist
2999-15	Research Workers nec
2999-17	Recreation Officer
2999-19	Interpreter
29 99-21	Translator
2999-23	Intelligence Officer

Professionals nec

2999-99

3	PARA-PROFESSIONALS	3203-13	Civil Engineering Technician
31	MEDICAL AND SCIENCE TECHNICAL OFFICERS AND	3205	MECHANICAL ENGINEERING ASSOCIATES AND TECHNICIANS
	TECHNICIANS	3205-11	Mechanical Engineering Associate
3101	MEDICAL TECHNICAL OFFICERS AND TECHNICIANS	3205-13	Mechanical Engineering Technician
3101-11	Medical Laboratory Technical Officer	3207	BUILDING, ARCHITECTURAL AND SURVEYING ASSOCIATES AND
3101-13	Medical Laboratory Technician		TECHNICIANS
3101-15	Dental Therapist	3207-11	Building Technician
3101-99	Medical Technical Officers and	3207-13	Architectural Associate
	Technicians nec	3207-15	Surveying Associate
3103	SCIENCE TECHNICAL OFFICERS AND TECHNICIANS	3299	OTHER ENGINEERING AND BUILDING ASSOCIATES AND
3103-11	Chemistry Technical Officer		TECHNICIANS
3103-13	Chemistry Technician	3299-11	Metallurgical Technician
3103-15	Earth Science Technical Officer	3299-99	Engineering and Building Associates and Technicians nec
3103-17	Earth Science Technician		
3103-19	Physics Technical Officer	33	AIR AND SEA TRANSPORT TECHNICAL WORKERS
3103-21	Physics Technician		
3103-23	Textiles Technical Officer	3301	AIRCRAFT PILOTS
3103-25	Life Science Technical Officer	3301-11	Aircraft Pilot
3103-27	Life Science Technician	3303	AIR TRANSPORT OPERATING
3103-29	Agricultural Technical Officer		SUPPORT WORKERS
3103-31	Agricultural Technician	3303-11	Air Traffic Controller
		3303-13	Flight Service Officer
32	ENGINEERING AND BUILDING ASSOCIATES AND	3303-15	Flight Engineer
	TECHNICIANS	3303-17	Airways Surveyor
3201	ELECTRICAL AND ELECTRONIC	3303-19	Airworthiness Surveyor
	ENGINEERING ASSOCIATES AND TECHNICIANS	3303-21	Examiner of Flightcrew
3201-11	Electrical Engineering Associate	3303-23	Aircraft Navigator
3201-13	Electrical Engineering Technician	3303-25	Aircraft Crewman/woman (Military and Rescue)
3201-15	Electronics Engineering Associate	3303-27	Loadmaster
3201-17	Electronics Engineering Technician	3303-91	Trainee Air Traffic Controller
2202	CIVIL ENGINEEDING ASSOCIATES	3303-93	Trainee Flight Service Officer
3203	CIVIL ENGINEERING ASSOCIATES AND TECHNICIANS	3303-99	Air Transport Operating Support Workers nec
3203-11	Civil Engineering Associate		

3305	SHIP'S PILOTS AND DECK OFFICERS	3903	PERFORMING ARTS SUPPORT WORKERS
3305-11 3305-13	Ship's Captain Ship's Officer	3903-01	Supervisor, Performing Arts Support Workers
3305-15	Master Fisherman/woman	3903-11	Sound Technician
3305-91	Cadet Deck Officer	3903-13	Motion Picture Camera Operator
		3903-15	Television Equipment Operator
3307	MARINE ENGINEERS AND SURVEYORS	3903-17	Broadcast Transmitter Operator
3307-11	Marine Engineer	3903-19	Light Technician
3307-13	Marine Engineer Surveyor	3903-99	Performing Arts Support Workers
3307-15	Marine Surveyor		nec
3307-91	Trainee Marine Engineer	3905	INSPECTORS AND REGULATORY OFFICERS
34	REGISTERED NURSES	3905-01	Supervisor, Inspectors and Regulatory Officers
3401	REGISTERED NURSES	3905-11	Building Inspector
3401-01	Nursing Supervisor	3905-13	Safety Inspector
3401-11	Registered General Nurse	3905-15	Primary Products Inspector
3401-13	Registered Community Health Nurse	3905-17	Train Examiner
3401-15	Registered Midwife	3905-19	Customs Investigator
3401-17	Registered Mental Retardation Nurse	3905-21	Health Inspector
3401-19	Registered Psychiatric Nurse	3905-23	Arbitration Inspector
3401-91	Student Registered Nurse	3905-25	Water Usage Inspector
3401-99	Registered Nurses nec	3905-27	Corporate Safety Officer
		3905-29	Insurance Assessor (except Health)
35	POLICE	3905-31	Traffic Inspector
3501	POLICE	3905-99	Inspectors and Regulatory Officers nec
3501-01	Police Supervisor		
3501-11	Policeman/woman	3907	CHILD CARE CO-ORDINATORS
3501-13	Detective	3907-11	Child Care Co-ordinator
39	MISCELLANEOUS	3909	AMBULANCE OFFICERS
	PARA-PROFESSIONALS	3909-11	Ambulance Officer
3901	WELFARE PARA-PROFESSIONALS		
3901-11	Community Worker	3911	PRISON OFFICERS
3901-13	Parole Officer	3911-01	Chief Prison Officer
3901-15	Welfare Officer	3911-11	Prison Officer
3901-17	Youth Worker	3913	PROCUREMENT OFFICERS

3913-11	Purchasing Officer
3913-13	Commodities Buyer
3913-15	Retail Buyer
3915	SPORTSPERSONS AND RELATED WORKERS
3915-11	Coach (Sport)
3915-13	Jockey
3915-15	Other Sportspersons
3915-17	Racecourse Official
3915-19	Referee
3915-91	Apprentice Jockey
3999	OTHER PARA-PROFESSIONALS
3999-01	Supervisor, Other Para-Professionals
3999-11	Radio Telegraphist
3999-13	Museum and Art Gallery Technician
3999-15	Library Technician
3999-17	Layout Artist
3999-19	Window Dresser
3999-21	Interior Decorator
3999-23	Photographic Studio Assistant
3999-25	Photograph Retoucher
3999-27	Forms Analyst and Designer
3999-29	Credit and Loans Analyst
3999-31	Park Ranger
3999-33	Military Disciplinary Supervisor
3999-35	Wool Classer
3999-37	Hide and Skin Classer

3999-99 Para-Professionals nec

4	TRADESPERSONS	4205	STRUCTURAL STEEL, BOILERMAKING AND WELDING TRADESPERSONS
41	METAL FITTING AND MACHINING TRADESPERSONS	4205-01	Supervisor, Structural Steel, Boilermaking and Welding Tradespersons
4101	TOOLMAKERS	4205-11	Metal Fabricator
4101-01	Supervisor, Toolmakers	4205-13	Structural Steel Tradesperson
4101-11	Toolmaker	4205-15	Pressure Welder
4101-91	Apprentice Toolmaker	4205-17	Welder (First Class)
		4205-19	Welder (Second Class)
4103	METAL FITTERS AND MACHINISTS	4205-21	Welder (Third Class)
4103-01	Supervisor, Metal Fitters and Machinists	4205-91	Apprentice Structural Steel, Boilermaking and Welding Tradesperson
4103-11	Fitter		
4103-13	Metal Machinist (First Class)	4207	METAL CASTING TRADESPERSONS
4103-15	Textile Mechanic	4207-01	Supervisor, Metal Casting Tradespersons
4103-17	Die Setter	4207-11	Metal Casting Patternmaker
4103-19	Metal Machinist (Second Class)	4207-13	Moulder and Coremaker
4103-21	Metal Machinist (Third Class)	4207-91	Apprentice Metal Casting
4103-91	Apprentice Metal Fitter and Machinist		Tradesperson
		4209	METAL FINISHING TRADESPERSONS
42	OTHER METAL TRADESPERSONS	4209-01	Supervisor, Metal Finishing Tradespersons
4201	FORGING TRADESPERSONS	4209-11	Metal Polisher
4201-01	Supervisor, Forging Tradespersons	4209-13	Electroplater (First Class)
4201-11	Blacksmith	4209-15	Electroplater (Second Class)
4201-13	Farrier	4209-17	Electroplater (Third Class)
4201-91	Apprentice Forging Tradesperson	4209-91	Apprentice Metal Finishing Tradesperson
4203	SHEETMETAL TRADESPERSONS	4211	AIRCRAFT MAINTENANCE
4203-01	Supervisor, Sheetmetal Tradespersons		ENGINEERS
4203-11	Sheetmetal Worker (First Class)	4211-01	Supervisor, Aircraft Maintenance Engineers
4203-13	Coppersmith	4211-11	Aircraft Maintenance Engineer (Engines)
4203-15	Metal Spinner	4211-13	Aircraft Maintenance Engineer
4203-17	Sheetmetal Worker (Second Class)	4211 13	(Airframes)
4203-91	Apprentice Sheetmetal Tradesperson	4211-15	Aircraft Maintenance Engineer (Electrical)
		4211-17	Aircraft Maintenance Engineer (Radio)

4211-19	Aircraft Maintenance Engineer (Instruments)	4307-01	Supervisor, Refrigeration and Air-Conditioning Mechanics
4211-91	Apprentice Aircraft Maintenance Engineer	4307-11	Air-Conditioning Mechanic
		4307-13	Refrigeration Mechanic
4213	PRECISION METAL TRADESPERSONS	4307-91	Apprentice Refrigeration and Air-Conditioning Mechanic
4213-01	Supervisor, Precision Metal Tradespersons		
4213-11	Precision Instrument Maker and	4309	ELECTRICAL MECHANICS
	Repairer	4309-01	Supervisor, Electrical Mechanics
4213-13	Watch and Clock Maker and Repairer	4309-11	Electrical Mechanic
4213-15	Locksmith	4309-13	Electrician (Special Class)
4213-17	Saw Maker and Repairer	4309-91	Apprentice Electrical Mechanic
4213-19	Gunsmith	4311	COMMUNICATIONS EQUIPMENT
4213-21	Engraver	4311	TRADESPERSONS
4213-91	Apprentice Precision Metal Tradesperson	4311-01	Supervisor, Communications Equipment Tradespersons
43	ELECTRICAL AND	4311-11	Broadcasting Tradesperson
43	ELECTRONICS	4311-13	Telecommunications Tradesperson
	TRADESPERSONS	4311-15	Telecommunications Line Serviceman/woman
4301	ELECTRICAL POWERLINE TRADESPERSONS	4311-91	Trainee Communications Equipment Tradesperson
4301-01	Supervisor, Electrical Powerline Tradespersons	4311-99	Communications Equipment Tradespersons nec
4301-11	Electrical Linesman/woman		
4301-13	Electrical Cable Jointer	4313	RADIO AND TELEVISION SERVICERS
4301-91	Apprentice Electrical Powerline Tradesperson	4313-01	Supervisor, Radio and Television Servicers
4303	ELECTRICAL FITTERS	4313-11	Radio and Television Servicer
4303-01	Supervisor, Electrical Fitters	4313-91	Apprentice Radio and Television Servicer
4303-11	Electrical Equipment Fitter		
4303-13	Electrical Appliance Servicer	4315	OFFICE EQUIPMENT AND COMPUTER SERVICERS
4303-91	Apprentice Electrical Fitter	4315-01	Supervisor, Office Equipment and Computer Servicers
4305	AUTOMOTIVE ELECTRICIANS	4315-11	Office Equipment Servicer
4305-01	Supervisor, Automotive Electricians	4315-13	Computer Servicer
4305-11	Automotive Electrician	4315-91	Trainee Office Equipment and
4305-91	Apprentice Automotive Electrician		Computer Servicer
4307	REFRIGERATION AND	4399	OTHER ELECTRICAL AND ELECTRONICS TRADESPERSONS
430/	AIR-CONDITIONING MECHANICS	4399-01	Supervisor, Other Electrical and Electronics Tradespersons

4399-11	Lift Mechanic	4411	ROOF SLATERS AND TILERS
4399-13	Vending Machine Servicer	4411-01	Supervisor, Roof Slaters and Tilers
4399-99	Electrical and Electronics Tradespersons nec	4411-11	Roof Slater and Tiler
	Tradespersons nec	4411-91	Apprentice Roof Slater and Tiler
44	BUILDING TRADESPERSONS	4413	WALL AND FLOOR TILERS
4401	CARPENTERS AND JOINERS	4413-01	Supervisor, Wall and Floor Tilers
4401-01	Supervisor, Carpenters and Joiners	4413-11	Wall and Floor Tiler
4401-11	Carpenter	4413-91	Apprentice Wall and Floor Tiler
4401-13	Joiner		
4401-91	Apprentice Carpenter and Joiner	45	PRINTING TRADESPERSONS
4403	BRICKLAYERS	4501	COMPOSITORS
4403-01	Supervisor, Bricklayers	4501-01	Supervisor, Compositors
4403-11	Bricklayer	4501-11	Compositor
4403-91	Apprentice Bricklayer	4501-91	Apprentice Compositor
4403-91	Apprentice bricklayer		
4405	PAINTERS, DECORATORS AND SIGNWRITERS	4503	GRAPHIC REPRODUCTION TRADESPERSONS
4405-01	Supervisor, Painters, Decorators and Signwriters	4503-01	Supervisor, Graphic Reproduction Tradespersons
4405-11	Painter and Decorator	4503-11	Plate Preparer (Printing)
4405-13	Paperhanger	4503-13	Cylinder Preparer (Printing)
4405-15	Signwriter	4503-15	Image Preparer (Printing)
4405-91	Apprentice Painter, Decorator and Signwriter	4503-91	Apprentice Graphic Reproduction Tradesperson
4407	PLASTERERS	4505	PRINTING MACHINISTS
4407-01	Supervisor, Plasterers	4505-01	Supervisor, Printing Machinists
4407-11	Solid Plasterer	4505-11	Letterpress Printing Machinist
4407-13	Fibrous Plasterer	4505-13	Lithographic Printing Machinist
4407-91	Apprentice Plasterer	4505-15	Flexographic or Gravure Printing Machinist
4409	PLUMBERS	4505-17	Newspaper Press Machinist (Metropolitan)
4409-01	Supervisor, Plumbers	4505-19	Small Offset Printing Machinist
4409-11	Plumber (General)	4505-91	Apprentice Printing Machinist
4409-13	Gasfitter		
4409-15	Drainer	4507	BINDERS AND FINISHERS
4409-91	Apprentice Plumber	4507-01	Supervisor, Binders and Finishers
		4507-11	Binder and Finisher

4507-91	Apprentice Binder and Finisher	4609-91	Apprentice Vehicle Trimmer
4509	STEREOTYPERS AND ELECTROTYPERS	47	FOOD TRADESPERSONS
4509-01	Supervisor, Stereotypers and Electrotypers	4701	MEAT TRADESPERSONS
4509-11	Stereotyper and Electrotyper	4701-01	Supervisor, Meat Tradespersons
4509-91	Apprentice Stereotyper and	4701-11	Butcher
	Electrotyper	4701-13	Smallgoods Maker
4511	SCREEN PRINTERS	4701-15	Slaughterman/woman
4511-01	Supervisor, Screen Printers	4701-91	Apprentice Meat Tradesperson
4511-11	Screen Printer	4703	BAKERS AND PASTRYCOOKS
4511-91	Apprentice Screen Printer	4703-01	Supervisor, Bakers and Pastrycooks
		4703-11	Pastrycook
46	VEHICLE TRADESPERSONS	4703-13	Baker
4601	VEHICLE MECHANICS	4703-15	Biscuit Maker
4601-01	Supervisor, Vehicle Mechanics	4703-91	Apprentice Baker and Pastrycook
4601-11	Motor Mechanic		
4601-13	Small Engine Mechanic	4705	COOKS
4601-91	Apprentice Motor Mechanic	4705-01	Supervisor, Cooks
		4705-11	Chef
4603	PANEL BEATERS	4705-13	Qualified Cook
4603-01	Supervisor, Panel Beaters	4705-91	Apprentice Cook
4603-11	Panel Beater	4705-99	Cooks nec
4603-91	Apprentice Panel Beater	4799	OTHER FOOD TRADESPERSONS
4605	VEHICLE PAINTERS	4799-01	Supervisor, Other Food
4605-01	Supervisor, Vehicle Painters	4/33 01	Tradespersons
4605-11	Vehicle Painter	4799-11	Miller
4605-91	Apprentice Vehicle Painter	4799-13	Buttermaker
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Apprentice venicle rainter	4799-15	Cheesemaker
4607	VEHICLE BODY MAKERS	4799-17	Confectioner
4607-01	Supervisor, Vehicle Body Makers	4799-91	Apprentice, Other Food Trades
4607-11	Vehicle Body Maker	4799-93	Trainee Miller
4607-91	Apprentice Vehicle Body Maker		
4609	VEHICLE TRIMMERS	48	AMENITY HORTICULTURAL TRADESPERSONS
4609-01	Supervisor, Vehicle Trimmers	4801	NURSERYMEN/WOMEN
4609-11	Vehicle Trimmer	4801-01	Supervisor, Nurserymen/women

4801-11	Nurseryman/woman	4905-19	Furniture Finisher
4801-91	Apprentice Nurseryman/woman	4905-21	Model Maker
4803	GREENKEEPERS	4905-91	Apprentice, Other Wood Trades
4803-01	Head Greenkeeper	4907	MARINE CONSTRUCTION TRADESPERSONS
4803-11	Greenkeeper	4907-01	Supervisor, Marine Construction
4803-91	Apprentice Greenkeeper		Tradespersons
4805	GARDENERS	4907-11	Shipwright
4805-01	Head Gardener	4907-13	Boat Builder and Repairer
4805-11	Gardener (General)	4907-91	Apprentice Marine Construction Tradesperson
4805-13	Landscape Gardener		
4805-15	Tree Surgeon	4909	BLASTING TRADESPERSONS
4805-91	Apprentice Gardener	4909-01	Supervisor, Blasting Tradespersons
4000 01	Apprentice duractics	4909-11	Shot-firer
49	MISCELLANEOUS TRADESPERSONS	4909-13	Stope Miner
4004		4911	GARMENT TRADESPERSONS
4901	WOOD MACHINISTS AND TURNERS	4911-01	Supervisor, Garment Tradespersons
4901-01	Supervisor, Wood Machinists and Turners	4911-11	Tailor
4901-11	Wood Machinist (A-Grade)	4911-13	Dressmaker
4901-13	Wood Turner	4911-15	Apparel Cutter
4901-15	Wood Machinist (B-Grade)	4911-17	Furrier
4901-17	Wood Machinist (C-Grade)	4911-19	Patternmaker-Grader (Textiles)
4901-91	Apprentice Wood Machinist	4911-21	Hat Maker
4901-93	Apprentice Wood Turner	4911-91	Apprentice Garment Tradesperson
4903	CABINETMAKERS	4913	UPHOLSTERERS AND BEDDING TRADESPERSONS
4903-01	Supervisor, Cabinetmakers	4913-01	Supervisor, Upholsterers and
4903-11	Cabinetmaker		Bedding Tradespersons
4903-91	Apprentice Cabinetmaker	4913-11	Furniture Upholsterer
4905	OTHER WOOD TRADESPERSONS	4913-13	Bedding and Mattress Maker
4905-01	Supervisor, Other Wood Tradespersons	4913-91	Apprentice Upholsterer and Bedding Tradesperson
4905-11	Wood Carver	4915	SHOEMAKING AND REPAIRING TRADESPERSONS
4905-13	Picture Framer	4915-01	Supervisor, Shoemaking and
4905-15	Cooper		Repairing Tradespersons
4905-17	Cane Furniture Maker	4915-11	Shoemaker

4915-13	Shoe Repairer	4927	HAIRDRESSERS
4915-91	Apprentice Shoemaker and Repairer	4927-01	Supervisor, Hairdressers
		4927-11	Hairdresser
4917	OTHER LEATHER AND CANVAS TRADESPERSONS	4927-91	Apprentice Hairdresser
4917-01	Supervisor, Other Leather and Canvas Tradespersons	4929	SHEEP SHEARERS
4917-11	Leather Goods Maker	4929-01	Overseer, Shearing Shed
4917-13	Canvas Goods Maker	4929-03	Shearing Shed Expert
4917-15	Sailmaker	4929-11	Shearer
4917-91	Apprentice, Other Leather and Canvas Trades	4931	ANIMAL TRAINERS
4919	FLOOR COVERERS	4931-11	Horse Breaker
4919-01	Supervisor, Floor Coverers	4931-99	Animal Trainers nec
4919-11	Floor Coverer	4999	OTHER TRADESPERSONS
4919-91	Apprentice Floor Coverer	4999-01	Supervisor, Other Tradespersons
4004	CLASS TRADESPERSONS	4999-11	Dental Technician
4921 4921-01	GLASS TRADESPERSONS	4999-13	Optical Mechanic
4921-11	Supervisor, Glass Tradespersons Flat Glass Tradesperson	4999-15	Stonemason
4921-13	Glass Blower	4999-17	Motion Picture Projectionist
4921-91	Apprentice Flat Glass Tradesperson	4999-19	Saturation Technician
4921-93	Trainee Glass Blower	4999-21	Offshore Diver
1021 00	Trained diasa blower	4999-23	Onshore Diver
4923	JEWELLERY AND PRECIOUS METALWARE TRADESPERSONS	4999-25	Florist
4923-01	Supervisor, Jewellery and Precious Metalware Tradespersons	4999-27	Aircraft Safety Equipment Worker
		4999-29	Military Explosives Technician
4923-11	Jeweller	4999-91	Apprentice, Other Trades
4923-13	Gem Cutter and Polisher	4999-99	Tradespersons nec
4923-15	Precious Metal Smith		
4923-91	Apprentice Jewellery and Precious Metalware Tradesperson		
4925	CRAFTWORKERS		
4925-01	Supervisor, Craftworkers		
4925-11	Piano Tuner		
4925-13	Potter		
4925-91	Apprentice Craftworker		
4925-99	Craftworkers nec		

5	CLERKS	5301-01	Supervisor, Accounting Clerks
		5301-11	Bookkeeper
51	STENOGRAPHERS AND TYPISTS	5301-13	Accounts Clerk
	111.010	5301-15	Payroll Clerk
5101	OFFICE SECRETARIES AND STENOGRAPHERS	5301-17	Branch Accountant (Financial Institution)
5101-01	Supervisor, Office Secretaries and Stenographers	5301-19	Credit Officer
5101-11	Office Secretary	5301-21	Cost Clerk
5101-13	Office Stenographer	5303	INSURANCE AND BROKING CLERKS
5101-15	Court and Hansard Reporter	5303-01	Supervisor, Insurance and Broking Clerks
5103	TYPISTS AND TYPIST-CLERKS	5303-11	Insurance Clerk
5103-01	Supervisor, Typists and Typist-Clerks	5303-13	Stockbroking Clerk
5103-11	Typist-Clerk		
5103-13	Typist	5305	STATISTICAL AND ACTUARIAL CLERKS
5105	WORD PROCESSING OPERATORS	5305-01	Supervisor, Statistical and Actuarial Clerks
5105-01	Supervisor, Word Processing Operators	5305-11	Statistical Clerk
5105-11	Word Processing Operator	5305-13	Actuarial Clerk
52	DATA PROCESSING AND BUSINESS MACHINE OPERATORS	54	FILING, SORTING AND COPYING CLERKS
		5401	LIBRARY AND FILING CLERKS
5201	DATA PROCESSING MACHINE OPERATORS	5401-01	Supervisor, Library and Filing Clerks
5201-01	Supervisor, Data Processing Machine Operators	5401-11	Library Assistant
E201_11		5401-13	Filing Clerk
5201-11	Computer Operator	5403	MAIL SORTERS
5201-13	Data Entry Operator	5403-01	Supervisor, Mail Sorters
5201-15 5201-00	Data Transceiver Operator	5403-11	Mail Sorter
5201-99	Data Processing Machine Operators nec		
5203	BUSINESS MACHINE OPERATORS	5499	OTHER FILING, SORTING AND COPYING CLERKS
5203-01	Supervisor, Business Machine Operators	5499-11	Other Filing, Sorting and Copying Clerks
5203-11	Business Machine Operator	55	MATERIAL RECORDING AND DESPATCHING CLERKS
53	NUMERICAL CLERKS		
5301	ACCOUNTING CLERKS	5501	PRODUCTION RECORDING CLERKS

5501-01	Supervisor, Production Recording Clerks	5901	COLLECTION CLERKS
5501-11	Production Scheduling Clerk	5901-11	Debt Collector
5501-13	Production Tally Clerk	5901-99	Collection Clerks nec
	Treasure Tally Glock	5903	TEACHERS' AIDES
5503	TRANSPORT RECORDING AND DESPATCHING CLERKS	5903-11	
5503-01	Supervisor, Transport Recording and	5903-11	Teachers' Aide
,	Despatching Clerks	5905	PERSONNEL CLERKS
5503-11	Receiving and Despatching Clerk	5905-11	Personnel Records Clerk
5503-13	Import-Export Clerk	5905-13	Employment Office Clerk
5503-15	Radio Despatcher		
5503-99	Transport Recording and Despatching Clerks nec	5907	LEGAL AND RELATED CLERKS
	Desperanting Clarke has	5907-11	Clerk of Court
5505	STOCK AND PURCHASING CLERKS	5907-13	Law Clerk
5505-01	Supervisor, Stock and Purchasing Clerks	5907-15	Court Orderly
5505-11	Stock Clerk	5907-99	Legal and Related Clerks nec
5505-13	Purchasing Clerk	5909	POSTAL CLERKS AND OFFICERS
5505-15	Order Clerk	5909-11	Postal Clerk
0000 10	Sidel Sierk	5909-13	Postal Officer
56	RECEPTIONISTS,		
	TELEPHONISTS AND MESSENGERS	5999	OTHER CLERKS
5601	RECEPTIONISTS AND INFORMATION	5999-11	Meter Reader
3001	CLERKS	5999-13	Proof Reader
5601-11			
	Receptionist	5999-15	Classified Advertising Clerk
5601-13	Receptionist Inquiry Clerk	5999-15 5999-17	Classified Advertising Clerk Bookmaker's Clerk
5601-13 5601-15			-
5601-15	Inquiry Clerk Admissions Clerk	5999-17	Bookmaker's Clerk
5601-15 5603	Inquiry Clerk Admissions Clerk TELEPHONISTS	5999-17 5999-19	Bookmaker's Clerk Market Research Interviewer
5601-15 5603 5603-01	Inquiry Clerk Admissions Clerk TELEPHONISTS Supervisor, Telephonists	5999-17 5999-19	Bookmaker's Clerk Market Research Interviewer
5601-15 5603	Inquiry Clerk Admissions Clerk TELEPHONISTS	5999-17 5999-19	Bookmaker's Clerk Market Research Interviewer
5601-15 5603 5603-01	Inquiry Clerk Admissions Clerk TELEPHONISTS Supervisor, Telephonists	5999-17 5999-19	Bookmaker's Clerk Market Research Interviewer
5601-15 5603 5603-01 5603-11	Inquiry Clerk Admissions Clerk TELEPHONISTS Supervisor, Telephonists Telephonist MESSENGERS AND DELIVERY	5999-17 5999-19	Bookmaker's Clerk Market Research Interviewer
5603-01 5603-11 5605	Inquiry Clerk Admissions Clerk TELEPHONISTS Supervisor, Telephonists Telephonist MESSENGERS AND DELIVERY OFFICERS Supervisor, Messengers and Delivery	5999-17 5999-19	Bookmaker's Clerk Market Research Interviewer
5601-15 5603 5603-01 5603-11 5605	Inquiry Clerk Admissions Clerk TELEPHONISTS Supervisor, Telephonists Telephonist MESSENGERS AND DELIVERY OFFICERS Supervisor, Messengers and Delivery Officers	5999-17 5999-19	Bookmaker's Clerk Market Research Interviewer

6	SALESPERSONS AND PERSONAL SERVICE	6201-27	Sales Representative (Floor Coverings and Furniture)
	WORKERS	6201-29	Sales Representative (Food, Drink and Tobacco Products)
61	INVESTMENT, INSURANCE AND REAL ESTATE	6201-31	Sales Representative (Household Goods and Domestic Hardware)
	SALESPERSONS	6201-33	Sales Representative (Toiletries)
6101	SECURITIES AND FINANCE DEALERS	6201-35	Sales Representative (Pharmaceuticals)
6101-11	Stock Exchange Dealer	6201-37	Sales Representative (Textiles,
6101-99	Securities and Finance Dealers nec	6201-99	Clothing and Footwear) Sales Representatives nec
6103	INSURANCE BROKERS AND AGENTS		
6103-01	Supervisor, Insurance Brokers and Agents	63	SALES ASSISTANTS
6103-11	Insurance Agent	6301	SALES ASSISTANTS
6103-13	Insurance Broker	6301-01	Supervisor, Sales Assistants
		6301-11	Sales Assistant (Hardware and Gardening Supplies)
6105	REAL ESTATE SALESPERSONS AND PROPERTY MANAGERS	6301-13	Sales Assistant (Fabrics, Clothing and Footwear)
6105-11	Real Estate Salesperson	6301-15	Sales Assistant (Food and Drink
6105-13	Real Estate Property Manager	0001 10	Products)
6199	OTHER INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS	6301-17	Sales Assistant (Furniture, Floor Coverings and Household Goods)
6199-11	Commodities Broker	6301-19	Sales Assistant (Caravans and Motor Vehicles)
6199-13	Valuer	6301-21	Sales Assistant (Stationery,
0199-13	valuer		Newspapers and Books)
62	SALES REPRESENTATIVES	6301-23	Sales Assistant (Pharmaceutical Products and Toiletries)
6201	SALES REPRESENTATIVES	6301-25	Sales Assistant (Vehicle Parts and Accessories)
6201-11	Sales Representative (Chemical Products)	6301-99	Sales Assistants nec
6201-13	Sales Representative (EDP Equipment)	64	TELLERS, CASHIERS AND TICKET SALESPERSONS
6201-15	Sales Representative (Medical, Dental and Veterinary Equipment)		HONE! CALLO ENCOMO
6201-17	Sales Representative (Electronic	6401	TELLERS
	Equipment except EDP)	6401-01	Supervisor, Tellers
6201-19	Sales Representative (Toys and Sporting Goods)	6401-11	Teller
6201-21	Sales Representative (Business Services)	6403	CASHIERS
6201-23	Sales Representative (Books and	6403-01	Supervisor, Cashiers
	Paper Products)	6403-11	Checkout Operator
6201-25	Sales Representative (Builders' Hardware)		

6403-13	Office Cashier	66	PERSONAL SERVICE
			WORKERS
6405	TICKET SALESPERSONS	6601	CHILD CARE, REFUGE AND RELATED WORKERS
6405-11	Ticket Seller	6601-11	Pre-School Aide
6405-13	Transport Conductor	6601-13	Child Care Aide
65	MISCELLANEOUS	6601-15	Child Care Attendant
	SALESPERSONS	6601-17	Hostel Parent
6501	STREET VENDORS, CANVASSERS AND SALES DRIVERS	6601-19	Child Care Group Worker
0501 01		6601-21	Refuge Worker
6501-01	Supervisor, Street Vendors, Canvassers and Sales Drivers	6601-99	Child Care, Refuge and Related
6501-11	Scrap Merchant	0001 33	Workers nec
6501-13	Cash Van Salesperson	6603	ENROLLED NURSES
6501-15	Door-to-Door Salesperson	6603-11	Enrolled Nurse
6501-17	Street Vendor	6603-91	Student Enrolled Nurse
		0003-91	Student Emolied Nuise
6503	BAR ATTENDANTS	6605	DENTAL NURSES
6503-01	Supervisor, Bar Attendants	6605-11	Dental Nurse
6503-11	Bar Attendant		
6505	WAITERS AND WAITRESSES	6607	HOME COMPANIONS AND AIDES
6505-01	Supervisor, Waiters and Waitresses	6607-11	Home Companion
6505-11	Formal Service Waiter/Waitress	6607-13	Family Aide
6505-13	Drink Waiter/Waitress	6609	TRAVEL STEWARDS
6505-15	Waiter/Waitress (General)	6609-01	Supervisor, Travel Stewards
		6609-11	Flight Attendant
6507	TRAVEL AGENTS	6609-13	Marine Steward
6507-11	Travel Agent (Commercial)	6609-15	Railway Steward
6507-13	Tourist Officer		
6599	OTHER SALESPERSONS	6699	OTHER PERSONAL SERVICE WORKERS
6599-11	Auctioneer	6699-11	Funeral Director
6599-13	Auction Room Attendant	6699-13	Tourist Guide
6599-15	Sales Demonstrator	6699-15	Beauty Therapist
6599-17	Rental Salesperson	6699-17	Masseur/Masseuse
6599-19	Service Counter Clerk	6699-99	Personal Service Workers nec
6599-21	Service Station Attendant		
6599-99	Salespersons nec		

7	PLANT AND MACHINE OPERATORS, AND DRIVERS	7201-91	Trainee Excavating and Earthmoving Plant Operator
	DRIVENS	7203	FORKLIFT AND RELATED DRIVERS
71	ROAD AND RAIL TRANSPORT	7203-11	Forklift Driver
	DRIVERS	7203-13	Straddle Carrier Operator
7101	BUS AND TRAM DRIVERS	7005	LOCCING DI ANT OPERATORS
7101-11	Bus Driver	7205 7205-11	LOGGING PLANT OPERATORS
7101-13	Tram Driver	/205-11	Logging Plant Operator
7103	AUTOMOBILE DRIVERS	7207	PAVING AND SURFACING PLANT OPERATORS
7103-11	Automobile Driver	7207-01	Supervisor, Paving and Surfacing Plant Operators
7105	TRUCK DRIVERS	7207-11	Paving Plant Operator
7105-11	Delivery Driver	7207-13	Road Roller Operator
7105-13	Heavy Truck Driver	7209	AGRICULTURAL PLANT OPERATORS
7105-15	Furniture Removalist-Driver	7209-11	Farm Machinery Operator
7107	LOCOMOTIVE DRIVERS	7209-13	Amenity Horticulture Machine Operator
7107-01	Supervisor, Locomotive Drivers		
7107-11	Locomotive Driver	7211	FIRE FIGHTERS
7107-91	Trainee Locomotive Driver	7211-01	Supervisor, Fire Fighters
		7211-11	Fire Fighter
72	MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)	7299	OTHER MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)
7201	EXCAVATING AND EARTHMOVING PLANT OPERATORS	7299-11	Railway Track Repair Machine Operator
7201-01	Supervisor, Excavating and Earthmoving Plant Operators	7299-99	Mobile Plant Operators nec
7201-11	Bulldozer Operator	73	STATIONARY PLANT
7201-13	Scraper Operator (Earthmoving)	,	OPERATORS
7201-15	Back-hoe Operator	7301	POWER GENERATION PLANT
7201-17	Trench-digging Machine Operator		OPERATORS
7201-19	Loader Operator (Earthmoving)	7301-01	Supervisor, Power Generation Plant Operators
7201-21	Open Cut Mining Plant Operator	7301-11	Power Generation Plant Operator
7201-23	Underground Plant Operator		
7201-25	Dredge Operator	7303	ENGINE AND BOILER OPERATORS (EXCEPT POWER GENERATION)
7201-27	Grader Operator	7303-11	Stationary Engine and Boiler
7201-29	Excavator Operator		Operator

7305 CHEMICAL PLANT OPERATORS 7399 CHEMICAL PLANT OPERATORS 7305-01 Supervisor, Chemical Plant Operator 7399-01 Supervisor, Other Stationary Plant Operator 7305-91 Trainee Chemical Plant Operator 7399-01 Mineral Ore Treating Plant Operator 7307 PETROLEUM AND GAS PLANT 7399-15 Paper Pulp Preparation Plant Operator 7307-01 Supervisor, Petroleum and Gas Plant Operator 7399-17 Wood Chipping and Particleboard Plant Operator 7307-11 Petroleum and Gas Refining and Pumping Operator 7399-21 Timber Treatment Plant Operator 7307-13 Oil and Gas Well Treatment Operator 7399-21 Timber Treatment Plant Operator 7307-15 Oil, Gas and Pipe Tester 7399-22 Concrete Pump Operator 7309-01 BULK MATERIALS HANDLING PLANT 7399-25 Insulation Maker 7309-01 Pupervisor, Bulk Materials Handling Plant 7399-25 Mater Supply and Treatment Plant Operator 7309-11 Bulk Materials Handling Plant 7399-23 Concrete Butching Plant Operator 7311-01 CRANE OPERATORS 7399-33 Center Eatching Plant Operator 7311-01	7303-13	Marine Engine and Boiler Operator	7317-11	Drilling Plant Operator
7395-11 Chemical Plant Operator 7305-91 Treinee Chemical Plant Operator 7307 Treinee Chemical Plant Operator 7307 PETROLEUM AND GAS PLANT 7307 OPERATORS 7307-10 Supervisor, Petroleum and Gas Plant 7307-11 Petroleum and Gas Refining and Pumping Operator 7307-11 Petroleum and Gas Refining and Pumping Operator 7307-13 Oil and Gas Well Treatment Operator 7307-15 Oil, Gas and Pipe Tester 7307-15 Oil, Gas and Pipe Tester 7309-21 Timber Treatment Plant Operator 7309-22 Concrete Pump Operator 7309-31 Supervisor, Bulk Materials Handling 7309-32 Concrete Pump Operator 7309-31 Bulk Materials Handling Plant 7309-31 Bulk Materials Handling Plant 7309-31 Bulk Materials Handling Plant 7309-31 Carbon Plant Worker 7311-01 Supervisor, Crane Operators 7311-01 Supervisor, Crane Operators 7311-11 Crane Operator 7313 HOIST, WINCH AND LIFT 7313-11 Poperator 7313-11 Hoist, Winch and Lift 7313-11 Hoist, Winch and Lift Operator 7315-11 Bulk Winch and Lift Operator 7315-11 Metal Fernace Operator 7315-11 Metals Furnace Operator 7315-15 Supervisor, Furnace and Kiln 7315-16 Supervisor, Furnace and Kiln 7315-17 Metals Furnace Operator 7315-18 Kiln Operator 7315-19 Incinerator Plant Operator 7315-19 DRILLING PLANT OPERATORS 7315-11 Metals Furnace Operator 7315-15 Incinerator Plant Operator 7315-16 DRILLING PLANT OPERATORS 7315-17 DRILLING PLANT OPERATORS 7315-18 Kiln Operator 7315-19 DRILLING PLANT OPERATORS 7315-19 DRILLING PLANT OPERATORS 7315-10 DRILLING PLANT OPERATORS 7315-11 Incinerator Plant Operator 7315-12 DRILLING PLANT OPERATORS 7315-15 DRILLING PLANT OPERATORS 7315-16 DRILLING PLANT OPERATORS 7315-17 DRILLING PLANT OPERATORS 7315-17 Operator Superator 7315-18 DRILLING PLANT OPERATORS 7315-19 DRILLING PLANT OPERATORS 7315-19 DRILLING PLANT OPERATORS 7315-10 Operator Superator 7315-10 Operator Superator 7315-11 DRILLING PLANT OPERATORS 7315-12 Operator Superator 7315-15 DRILLING PLANT OPERATORS 7315-16 DRILLING PLA	7305	CHEMICAL PLANT OPERATORS	7399	
Trainee Chemical Plant Operator 7305–91 Trainee Chemical Plant Operator 7307 PETROLEUM AND GAS PLANT 7308–13 Metal Rolling Mill Operator 7307-01 Supervisor, Petroleum and Gas Plant 7307-11 Petroleum and Gas Refining and 7307-11 Petroleum and Gas Refining and 7307-12 Oil and Gas Well Treatment Operator 7307-13 Oil and Gas Well Treatment Operator 7307-15 Oil, Gas and Pipe Tester 7309-16 Supervisor, Bulk Materials Handling Plant 7309-17 Operator 7309-10 Supervisor, Bulk Materials Handling Plant 7309-11 CRANE OPERATORS 7311-11 CRANE OPERATORS 7311-11 Crane Operator 7311-11 Crane Operator 7313 HOIST, WINCH AND LIFT 7313-11 Hoist, Winch and Lift Operator 7313-11 Supervisor, Hoist, Winch and Lift 7313-11 Bulk Materials Handling Plant 7313-11 Supervisor, Hoist, Winch and Lift 7315-11 Metals Furnace Operator 7315-12 Metals Furnace Operator 7315-13 DRILLING PLANT OPERATORS 7315-14 Metals Furnace Operator 7315-15 Reventices Fullifies Plant Operators 7315-16 OPERATORS 7315-17 OPERATORS 7315-17 OPERATORS 7315-18 OPERATORS 7315-19 OPERATORS 7315-19 OPERATORS 7315-10 OPERATORS 7315-11 OPERATORS 7315-11 OPERATORS 7315-11 OPERATORS 7315-12 OPERATORS 7315-13 OPERATORS 7315-14 OPERATORS 7315-15 OPERATORS 7315-16 OPERATORS 7315-17 OPERATORS 7315-17 OPERATORS 7315-18 OPERATORS 7315-19 OPERATO			7399-01	
7307 PETROLEUM AND GAS PLANT 7309-15 Paper Pulp Preparation Plant 7307-01 OPERATORS 7307-01 Supervisor, Petroleum and Gas Plant 7307-11 Petroleum and Gas Refining and 7307-11 Petroleum and Gas Refining and 7307-13 Oil and Gas Well Treatment Operator 7307-15 Oil, Gas and Pipe Tester 7309-16 Supervisor, Bulk Materials Handling 7309-17 Cament Production Plant Operator 7309-10 Supervisor, Bulk Materials Handling 7309-11 Bulk Materials Handling Plant 7309-11 Bulk Materials Handling Plant 7309-11 Departor 7311 CRANE OPERATORS 7311-11 Crane Operator 7311-11 Crane Operator 7311-11 Crane Operator 7313 HOIST, WINCH AND LIFT 7313-11 Hoist, Winch and Lift 7313-11 Supervisor, Hoist, Winch and Lift 7315-11 Supervisor, Furnace and Kiln 7315-11 Metals Furnace Operator 7315-11 Metals Furnace Operator 7315-11 Metals Furnace Operator 7315-12 Incinerator Plant Operator 7315-13 Hoist, Operator 7315-14 DelilLing Plant Operator 7315-15 DelilLing Plant Operator 7315-17 DelilLing Plant Operator 7315-17 DelilLing Plant Operator 7315-17 DelilLing Plant Operator 7315-18 Supervisor Plant Operator 7315-19 DelilLing Plant Operator 7315-10 DelilLing Plant Operator 7315-11 Metals Furnace Operator 7315-12 DelilLing Plant Operator 7315-13 DelilLing Plant Operator 7315-14 DelilLing Plant Operator 7315-15 DelilLing Plant Operator 7315-16 DelilLing Plant Operator 7315-17 DelilLing Plant Operators 7315-17 Operators Publish Plant Operators 7315-18 Supervisor Plant Operator 7315-19 DelilLing Plant Operator 7315-10 DelilLing Plant Operator 7315-11 DelilLing Plant Operator 7315-12 DelilLing Plant Operator 7315-12 DelilLing Plant Operator 7315-15 Concrete Batching Plant Operator 7315-16 Concrete Batching Plant Operator 7315-17 Operator 7315-18 DelilLing Plant Operator 7315-19 DelilLing Plant Operator 7315-19 DelilLing Plant Operator 7315-10 DelilLing Plant Operator 7315-10 DelilLing Plant Operator 7315-10 DelilLing Plant Operator 7315-10 DelilLing Plant Operator			7300-11	
PETROLEUM AND GAS PLANT 7399-15 Paper Pulp Preparation Plant Operators 7307-01 Supervisor, Petroleum and Gas Plant 7399-17 Petroleum and Gas Refining and 7399-17 Petroleum and Gas Refining and 7399-19 Reilway Switching and Signalling Operator 7307-13 Oil and Gas Well Treatment Operator 7399-21 Timber Treatment Plant Operator 7307-15 Oil, Gas and Pipe Tester 7399-23 Concrete Pump Operator 7309-01 Supervisor, Bulk Materials Handling Plant 7399-25 Insulation Maker 7399-27 Cement Production Plant Operator 7399-11 Plant Operators 7399-29 Water Supply and Treatment Plant Operator 7399-31 Electrolytic Cell Operator 7399-32 Cement Production Plant Operator 7399-33 Cement Plant Operator 7399-35 Concrete Batching Plant Operator 7399-35 Concrete Batching Plant Operator 7311-01 Supervisor, Crane Operators 7399-39 Stationary Plant Operator 7311-01 Crane Operator 7401-01 Plant Operators 7401-01 Plant Operator 7	/305-91	Trainee Chemical Plant Operator		
Operators Petroleum and Gas Refining and Petroleum and Gas Refining and Pumping Operator 7307–13 Oil and Gas Well Treatment Operator 7307–15 Oil, Gas and Pipe Tester 7307–15 Oil, Gas and Pipe Tester 7309–21 Timber Treatment Plant Operator 7309–32 Concrete Pump Operator 7309–33 Concrete Pump Operator 7309–30 BULK MATERIALS HANDLING PLANT OPERATORS 7309–10 Supervisor, Bulk Materials Handling Plant Operator 7309–11 Bulk Materials Handling Plant Operator 7309–11 Bulk Materials Handling Plant Operator 7309–12 Cement Production Plant Operator 7309–33 Carbon Plant Worker 7311 CRANE OPERATORS 7311–11 Crane Operator 7311–11 Crane Operator 7313–11 Hoist, Winch AND LIFT OPERATORS 7313–11 Hoist, Winch and Lift Operator 7313–11 Hoist, Winch and Lift Operator 7315–13 Supervisor, Furnace and Kiln Operator 7315–14 Metals Furnace Operator 7315–15 Kiln Operator 7316–16 Incinerator Plant Operator 7317 DRILLING PLANT OPERATORS 7317 7317 DRILLING PLANT OPERATORS 7318-7317 7319 DRILLING PLANT OPERATORS 7315–17 Incinerator Plant Operator 7315–17 DRILLING PLANT OPERATORS 7315–17 DRILLING PLANT OPERATORS 7315–17 DRILLING PLANT OPERATORS 7315–17 DRILLING PLANT OPERATORS 7315–10 Supervisor, Publics Plant Operator 7315–21 Drilling Plant Operator 7315 Drilling Plant Operator 7315–17 Drilling Plant Operator 7315–17 Drilling Plant Operator 7315–18 Supervisor, Publics Plant Operator 7315–19 Drilling Plant Operator 7315–10 Drilling Plant Operator 7315–10 Drilling Plant Operator 7315–11 Drilling Plant Operator 7315–12 Drilling Plant Operator 7315–15 Supervisor, Publics Plant Operator 7315–17 Drilling Plant Operator 7315–19 Drilling Plant Operator 7315–10 Other Metal Products Machine	7307			Paper Pulp Preparation Plant
Pumping Operator 7397-13 Oil and Gas Well Treatment Operator 7307-15 Oil, Gas and Pipe Tester 7399-23 Concrete Pump Operator 7309-25 Insulation Maker 7399-27 Cement Production Plant Operator 7309-01 Supervisor, Bulk Materials Handling Plant Operators 7309-11 Bulk Materials Handling Plant Operator 7309-11 Bulk Materials Handling Plant Operator 7309-11 CRANE OPERATORS 7399-33 Carbon Plant Worker 7311 CRANE OPERATORS 7399-35 Concrete Batching Plant Operator 7311-01 Supervisor, Crane Operators 7311-11 Crane Operator 7401-01 Supervisor, Hoist, Winch and Lift Operator 7313-01 Supervisor, Hoist, Winch and Lift Operator 7313-11 Hoist, Winch and Lift Operator 7315-15 FURNACE AND KILN OPERATORS 7315-10 Supervisor, Furnace and Kiln Operator 7315-11 Metals Furnace Operator 7315-12 Incinerator Plant Operator 7315-15 Kiln Operator 7316-17 Incinerator Plant Operators 7317-17 DRILLING PLANT OPERATORS 7317-18 Supervisor Politics Plant Operators 7317-71 DRILLING PLANT OPERATORS 7317-71 DRILLING PLANT OPERATORS 7317-71 Other Metal Products Machine 7317-71 DRILLING PLANT OPERATORS 7317-71 Other Metal Products Machine 7317-71 Other Metal Products Machine 7317-72 Other Metal Products Machine 7317-72 Other Metal Products Machine 7317-72 Other Metal Products Machine 7318-7317-7317-7317-7317-7317-7317-7317-	7307-01		7399-17	
7397-21 Timber Treatment Plant Operator 7399-21 Oil, Gas and Pipe Tester 7399-23 Concrete Pump Operator 7399-25 Insulation Maker 7399-27 Cement Production Plant Operator 7309-01 Supervisor, Bulk Materials Handling Plant Operator 7309-11 Bulk Materials Handling Plant Operator 7309-11 Bulk Materials Handling Plant Operator 7311 CRANE OPERATORS 7399-31 Electrolytic Cell Operator 7399-32 Carbon Plant Worker 7311-01 Supervisor, Crane Operators 7399-35 Concrete Batching Plant Operator 7311-11 Crane Operator 7313 HOIST, WINCH AND LIFT 74 MACHINE OPERATORS 7313-01 Supervisor, Hoist, Winch and Lift 7401-01 BASIC METAL PRODUCTS MACHINE 7313-11 Hoist, Winch and Lift Operator 7401-11 Machine Moulder 7315-12 Supervisor, Furnace and Kiln 7401-13 Casting Machine and Ladle Operator 7401-14 Wire Drawing Machine Operator 7401-15 Wire Drawing Machine Operator 7401-17 Metal Extrusion Press Operator 7401-18 Kiln Operator 7403-11 Incinerator Plant Operator 7403-11 Incinerator Plant Operator 7403-11 Incinerator Plant Operator 7401-12 Other Metal Products Machine 7401-13 DRILLING PLANT OPERATORS 7405-11 Other Metal Products Machine	7307-11		7399-19	
7309 BULK MATERIALS HANDLING PLANT OPERATORS 7309-21 Insulation Maker 7309-27 Cement Production Plant Operator 7309-01 Supervisor, Bulk Materials Handling Plant Operators 7309-11 Bulk Materials Handling Plant Operator 7309-31 Electrolytic Cell Operator 7399-32 Carbon Plant Worker 7311 CRANE OPERATORS 7311-01 Supervisor, Crane Operators 7311-11 Crane Operator 7311-11 Crane Operator 7313 HOIST, WINCH AND LIFT OPERATORS 7313-10 Supervisor, Hoist, Winch and Lift Operators 7313-11 Hoist, Winch and Lift Operator 7313-11 Hoist, Winch and Lift Operator 7315-11 Machine Moulder 7315-12 Supervisor, Furnace and Kiln Operators 7315-13 Metals Furnace Operator 7401-15 Wire Drawing Machine Operator 7315-14 Metals Furnace Operator 7403 METAL PRESS OPERATORS 7315-15 Kiln Operator 7315-17 Incinerator Plant Operator 7315-17 DRILLING PLANT OPERATORS 7313-18 DRILLING PLANT OPERATORS 7315-19 DRILLING PLANT OPERATORS 7315-11 DRILLING PLANT OPERATORS 7315-11 DRILLING PLANT OPERATORS 7315-11 DRILLING PLANT OPERATORS 7315-12 Other Metal Products Machine 7315-13 DRILLING PLANT OPERATORS 7315-14 Supervisor, Public Plant Operator 7315-15 PURINGE Plant Operator 7315-17 DRILLING PLANT OPERATORS 7315-18 Supervisor, Public Plant Operator 7315-19 DRILLING PLANT OPERATORS 7315-11 Other Metal Products Machine			7399-21	Timber Treatment Plant Operator
### Page 12	7307-15	Oil, Gas and Pipe Tester	7399-23	Concrete Pump Operator
7309-01 Supervisor, Bulk Materials Handling Plant Operators 7309-11 Bulk Materials Handling Plant Operator 7309-11 Bulk Materials Handling Plant Operator 7399-31 Electrolytic Cell Operator 7399-32 Carbon Plant Worker 7311 CRANE OPERATORS 7399-35 Concrete Batching Plant Operator 7311-01 Supervisor, Crane Operator 7311-11 Crane Operator 7313 HOIST, WINCH AND LIFT OPERATORS 7313-11 Busic Metal Products Machine Operators 7313-11 Hoist, Winch and Lift Operator 7313-11 Hoist, Winch and Lift Operator 7315-12 Supervisor, Furnace and Kiln Operators 7315-13 Heat Treatment Furnace Operator 7315-14 Metals Furnace Operator 7315-15 Kiln Operator 7315-16 Incinerator Plant Operator 7315-17 DRILLING PLANT OPERATORS 7315-18 PORNICATE AND OPERATORS 7315-19 DRILLING PLANT OPERATORS 7315-10 PRILLING PLANT OPERATORS 7315-11 DRILLING PLANT OPERATORS 7315-12 Other Metal Products Machine OPERATORS 7315-14 Operator 7315-15 Comparisor Public Plant Operator 7405 OTHER METAL PRODUCTS MACHINE OPERATORS 7315-17 Operator Operator 7405-11 Other Metal Products Machine	7309		7399-25	Insulation Maker
Plant Operators 7399-11 Bulk Materials Handling Plant Operator 7399-31 CRANE OPERATORS 7311-01 Supervisor, Crane Operator 7311-11 Crane Operator 7313 HOIST, WINCH AND LIFT OPERATORS 7313-01 Supervisor, Hoist, Winch and Lift Operators 7313-11 Hoist, Winch and Lift Operator 7315-01 Supervisor, Furnace and Kiln Operators 7315-13 Heat Treatment Furnace Operator 7315-14 Parl Metals Furnace Operator 7403-11 Metal Press Operator 7401-17 Metal Press Operator 7403-11 Metal Press Operator 7403-11 Metal Press Operator 7403-11 Metal Press Operator 7405-11 Other Metal Products Machine OPERATORS 7405-11 Other Metal Products Machine OPERATORS 7405-11 Other Metal Products Machine OPERATORS 7405-11 Other Metal Products Machine	7000 01		7399-27	Cement Production Plant Operator
Operator 7399-31 Electrolytic Cell Operator 7399-32 Carbon Plant Worker 7311-01 Supervisor, Crane Operators 7311-01 Crane Operator 7399-99 Stationary Plant Operators nec 7313-11 Crane Operator 74 MACHINE OPERATORS 7313-01 Supervisor, Hoist, Winch and Lift Operators 7313-11 Hoist, Winch and Lift Operator 7313-11 Hoist, Winch and Lift Operator 7315-11 FURNACE AND KILN OPERATORS 7315-01 Supervisor, Furnace and Kiln Operator 7315-12 Metals Furnace Operator 7315-13 Heat Treatment Furnace Operator 7315-15 Kiln Operator 7315-17 Incinerator Plant Operator 7317 DRILLING PLANT OPERATORS 7317 DRILLING PLANT Operators 7317 Operators Deviling Plant Operators 7317 Operators Deviling Plant Operators 7317 Operators Deviling Plant Operators 7317-01 Other Metal Products Machine 7317-01 Other Metal Products Machine 7317-01 Other Metal Products Machine		Plant Operators	7399-29	
7311—01 Supervisor, Crane Operators 7399–35 Concrete Batching Plant Operator 7311–01 Supervisor, Crane Operator 7399–99 Stationary Plant Operators nec 7311–11 Crane Operator 74 MACHINE OPERATORS 7401 BASIC METAL PRODUCTS MACHINE OPERATORS 7401–01 Supervisor, Basic Metal Products Machine Operators 7401–11 Machine Moulder 7401–11 Machine Moulder 7401–11 Machine Moulder 7401–13 Casting Machine and Ladle Operator 7401–15 Wire Drawing Machine Operator 7401–17 Metal Extrusion Press Operator 7401–17 Metal Extrusion Press Operator 7401–17 Metal Extrusion Press Operator 7403–11 Metal Press Operator 7403–11 Metal Press Operator 7403–11 Incinerator Plant Operator 7403–11 Metal Press Operator 7403–11 Incinerator Plant Operator 7405–11 Other Metal Products Machine Operator 7405–11 Other Metal Products Machine Operator 7405–11 Other Metal Products Machine 7405–11 Other Metal Products Machine Operator 7405–11 Other Metal Products Machine Operator 7405–11 Other Metal Products Machine	7309-11		7399-31	Electrolytic Cell Operator
7311-01 Supervisor, Crane Operators 7311-11 Crane Operator 7313 HOIST, WINCH AND LIFT OPERATORS 7313-01 Supervisor, Hoist, Winch and Lift Operator 7313-11 Hoist, Winch and Lift Operator 7315-11 Supervisor, Furnace and Kiln Operators 7315-11 Metals Furnace Operator 7315-12 Kiln Operator 7315-15 Kiln Operator 7317 DRILLING PLANT OPERATORS 7317-01 Supervisor, Prilling Plant Operators 7318-17 Supervisor, Furnace Prilling Plant Operators 7319-99 Stationary Plant Operators nec 7319-99 Stationary Plant Operators nec 740 MACHINE OPERATORS 7401 BASIC METAL PRODUCTS MACHINE OPERATORS 7401-01 Supervisor, Basic Metal Products Machine Operators 7401-11 Machine Moulder 7401-13 Casting Machine and Ladle Operator 7401-15 Wire Drawing Machine Operator 7401-17 Metal Extrusion Press Operator 7403 METAL PRESS OPERATORS 7403-11 Metal Press Operator 7403-11 Incinerator Plant Operator 7405 OTHER METAL PRODUCTS MACHINE OPERATORS 7405-11 Other Metal Products Machine			7399-33	Carbon Plant Worker
7311-11 Crane Operator 74 MACHINE OPERATORS 7313 HOIST, WINCH AND LIFT OPERATORS 7401 BASIC METAL PRODUCTS MACHINE OPERATORS 7401-01 Supervisor, Basic Metal Products Machine Operators 7401-11 Machine Moulder 7315-11 Hoist, Winch and Lift Operator 7401-13 Casting Machine and Ladle Operator 7401-15 Wire Drawing Machine Operator 7315-10 Metals Furnace Operator 7401-17 Metal Extrusion Press Operator 7401-18 Metal Press Operator 7401-19 Metal Press Operator 7401-10 Metal Press Operator 7401-11 Metal Press Operator 7401-12 Metal Press Operator 7401-13 OTHER METAL PRODUCTS MACHINE OPERATORS 7401-14 Metal Press Operator 7403 OTHER METAL PRODUCTS MACHINE OPERATORS 7405 OTHER METAL PRODUCTS MACHINE OPERATORS 7405 OTHER METAL PRODUCTS MACHINE OPERATORS 7405-11 Other Metal Products Machine			7399-35	Concrete Batching Plant Operator
7313 HOIST, WINCH AND LIFT OPERATORS 7313-01 Supervisor, Hoist, Winch and Lift Operators 7313-11 Hoist, Winch and Lift Operator 7401-01 Supervisor, Basic Metal Products Machine Operators 7401-01 Machine Moulder 7401-11 Machine Moulder 7315 FURNACE AND KILN OPERATORS 7401-13 Casting Machine and Ladle Operator 7315-01 Supervisor, Furnace and Kiln Operators 7315-11 Metals Furnace Operator 7315-13 Heat Treatment Furnace Operator 7315-15 Kiln Operator 7315-16 Kiln Operator 7315-17 Incinerator Plant Operator 7315-17 DRILLING PLANT OPERATORS 7405 OTHER METAL PRODUCTS MACHINE OPERATORS 7405-11 Other Metal Products Machine			7399-99	Stationary Plant Operators nec
HOIST, WINCH AND LIFT OPERATORS 7401 BASIC METAL PRODUCTS MACHINE OPERATORS 7401-01 Supervisor, Basic Metal Products Machine Operators 7401-11 Machine Moulder 7401-13 Casting Machine and Ladle Operator 7401-15 Wire Drawing Machine Operator 7401-17 Metal Extrusion Press Operator 7401-18 Heat Treatment Furnace Operator 7401-19 Metal Press Operator 7401-17 Metal Press Operator 7401-18 Metal Press Operator 7401-19 OTHER METAL PRODUCTS MACHINE OPERATORS 7405 OTHER METAL PRODUCTS MACHINE OPERATORS 7405-11 Other Metal Products Machine	7311-11	Crane Operator	74	MACHINE OPERATORS
7313-01 Supervisor, Hoist, Winch and Lift Operators 7313-11 Hoist, Winch and Lift Operator 7315 FURNACE AND KILN OPERATORS 7315-01 Supervisor, Furnace and Kiln Operator 7315-11 Metals Furnace Operator 7315-13 Heat Treatment Furnace Operator 7315-15 Kiln Operator 7315-17 Incinerator Plant Operator 7317 DRILLING PLANT OPERATORS 7401-10 Supervisor, Basic Metal Products Machine Operators 7401-11 Machine Moulder 7401-13 Casting Machine and Ladle Operator 7401-15 Wire Drawing Machine Operator 7401-17 Metal Extrusion Press Operator 7403 METAL PRESS OPERATORS 7403-11 Metal Press Operator 7403-11 Metal Press Operator 7405 OTHER METAL PRODUCTS MACHINE OPERATORS 7405-11 Other Metal Products Machine	7313		14	MACHINE OPERATORS
Operators 7401-01 Supervisor, Basic Metal Products Machine Operators 7401-11 Machine Moulder 7315 FURNACE AND KILN OPERATORS 7401-13 Casting Machine and Ladle Operator 7401-15 Wire Drawing Machine Operator 7401-17 Metal Extrusion Press Operator 7401-18 Metal Extrusion Press Operator 7401-19 Metal Extrusion Press Operator 7401-10 Metal Press Operator 7403 METAL PRESS OPERATORS 7403-11 Metal Press Operator 7403-11 Metal Press Operator 7403-11 Metal Press Operator 7403-11 OTHER METAL PRODUCTS MACHINE OPERATORS 7405-11 Other Metal Products Machine	7313-01		7401	
7315 FURNACE AND KILN OPERATORS 7401-13 Casting Machine and Ladle Operator 7315-01 Supervisor, Furnace and Kiln Operators 7315-11 Metals Furnace Operator 7315-13 Heat Treatment Furnace Operator 7315-15 Kiln Operator 7315-17 Incinerator Plant Operator 7317 DRILLING PLANT OPERATORS 7317-01 Supervisor Public Report Operator 7317-01 Supervisor Public Report Operator 7401-17 Metal Extrusion Press Operator 7403 METAL PRESS OPERATORS 7403-11 Metal Press Operator 7405 OTHER METAL PRODUCTS MACHINE OPERATORS 7405-11 Other Metal Products Machine		Operators	7401-01	
7315-01 Supervisor, Furnace and Kiln 7315-11 Metals Furnace Operator 7315-13 Heat Treatment Furnace Operator 7315-15 Kiln Operator 7315-17 Incinerator Plant Operator 7317 DRILLING PLANT OPERATORS 7317-01 Supervisor, Furnace and Kiln 7401-15 Wire Drawing Machine Operator 7401-17 Metal Extrusion Press Operator 7403 METAL PRESS OPERATORS 7403-11 Metal Press Operator 7405-11 Other Metal Products Machine	/313-11	noist, winch and Lift Operator		
Operators 7401-13 Wire blawing Machine Operator 7401-17 Metal Extrusion Press Operator 7401-17 Metal Extrusion Press Operator 7403 METAL PRESS OPERATORS 7403-11 Metal Press Operator 7403-11 Metal Press Operator 7403-11 OTHER METAL PRODUCTS MACHINE OPERATORS 7405-11 Other Metal Products Machine			7401-11	Machine Moulder
7315-11 Metals Furnace Operator 7315-13 Heat Treatment Furnace Operator 7315-15 Kiln Operator 7315-17 Incinerator Plant Operator 7317 DRILLING PLANT OPERATORS 7317-01 Supervieer Prilling Plant Operator 7403 METAL PRESS OPERATORS 7403-11 Metal Press Operator 7405-11 Other Metal Products Machine	7315	FURNACE AND KILN OPERATORS		
7315-15 Kiln Operator 7403-11 Metal Press Operator 7315-17 Incinerator Plant Operator 7405-17 DRILLING PLANT OPERATORS 7405-11 Other Metal Products Machine 7317-01 Superviews Prilling Plant Operators 7405-11 Other Metal Products Machine		Supervisor, Furnace and Kiln	7401-13	Casting Machine and Ladle Operator
7315-17 Incinerator Plant Operator 7317 DRILLING PLANT OPERATORS 7403-11 Metal Press Operator 7403-11 Metal Press Operator 7405-11 OTHER METAL PRODUCTS MACHINE OPERATORS 7405-11 Other Metal Products Machine	7315-01	Supervisor, Furnace and Kiln Operators	7401-13 7401-15	Casting Machine and Ladle Operator Wire Drawing Machine Operator
7315-17 Incinerator Plant Operator 7405 OTHER METAL PRODUCTS MACHINE OPERATORS 7317-01 Supervisor Prilling Plant Operators 7405-11 Other Metal Products Machine	7315-01 7315-11	Supervisor, Furnace and Kiln Operators Metals Furnace Operator	7401-13 7401-15 7401-17	Casting Machine and Ladle Operator Wire Drawing Machine Operator Metal Extrusion Press Operator
7317 DRILLING PLANT OPERATORS OPERATORS 7405-11 Other Metal Products Machine	7315-01 7315-11 7315-13	Supervisor, Furnace and Kiln Operators Metals Furnace Operator Heat Treatment Furnace Operator	7401-13 7401-15 7401-17 7403	Casting Machine and Ladle Operator Wire Drawing Machine Operator Metal Extrusion Press Operator METAL PRESS OPERATORS
	7315-01 7315-11 7315-13 7315-15	Supervisor, Furnace and Kiln Operators Metals Furnace Operator Heat Treatment Furnace Operator Kiln Operator	7401-13 7401-15 7401-17 7403	Casting Machine and Ladle Operator Wire Drawing Machine Operator Metal Extrusion Press Operator METAL PRESS OPERATORS
	7315-01 7315-11 7315-13 7315-15 7315-17	Supervisor, Furnace and Kiln Operators Metals Furnace Operator Heat Treatment Furnace Operator Kiln Operator Incinerator Plant Operator	7401-13 7401-15 7401-17 7403 7403-11	Casting Machine and Ladle Operator Wire Drawing Machine Operator Metal Extrusion Press Operator METAL PRESS OPERATORS Metal Press Operator OTHER METAL PRODUCTS MACHINE

7407	PLASTICS PRODUCTION MACHINE OPERATORS	7413-99	Wood Processing Machine Operators nec
7407-01	Supervisor, Plastics Production Machine Operators	7415	PAPER AND PAPER PRODUCTS MACHINE OPERATORS
7407-11	Plastics Production Machine Setter	7415 01	
7407-13	Plastics Extruding Machine Operator	7415-01	Supervisor, Paper and Paper Products Machine Operators
7407-15	Plastics Moulding Machine Operator	7415-11	Wet End Papermaking Machine Operator
7407-17	Cellular Plastics Machine Operator	7415-13	Dry End Papermaking Machine
7407-19	Plastics Sheet Press Operator	7415-13	Operator
7407-21	Plastics Blending Machine Operator	7415-15	Paper Products Machine Operator
7407-23	Gun Hand (Plastics)	7417	GLASS PRODUCTION MACHINE
7407-25	Sheathing Extruder	7417	OPERATORS
7409	RUBBER PRODUCTION MACHINE OPERATORS	7417-01	Supervisor, Glass Production Machine Operators
7400 01		7417-11	Glass Production Machine Operator
7409-01	Supervisor, Rubber Production Machine Operators	7419	CLAY AND STONE PROCESSING
7409-11	Tyre Production Machine Operator	7415	MACHINE OPERATORS
7409-99	Rubber Production Machine Operators nec	7419-01	Supervisor, Clay and Stone Processing Machine Operators
		7419-11	Concrete Products Machine Operator
7411	CHEMICAL PRODUCTION MACHINE OPERATORS	7419-13	Clay Products Machine Operator
7411-01	Supervisor, Chemical Production	7419-15	Stone Processing Machine Operator
7411 11	Machine Operators	7419-17	Porcelain Turner
7411-11	Pharmaceuticals and Toiletries Production Machine Operator	7419-19	Plasterboard Maker
7411-13	Explosives Production Machine Operator	7419-21	Fibre-Cement Machine Operator
7411-99	Chemical Production Machine Operators nec	7419-99	Clay and Stone Processing Machine Operators nec
7413	WOOD PROCESSING MACHINE OPERATORS	7421	YARN PRODUCTION MACHINE OPERATORS
7413-01	Supervisor, Wood Processing Machine Operators	7421-01	Supervisor, Yarn Production Machine Operators
7413-11	Head Sawyer	7421-11	Yarn Carding and Spinning Machine Operator
7413-13	Resawyer	7421-13	Cotton Ginner
7413-15	Dockerman/woman	7421-15	Wool Scouring Operator
7413-17	Timber Stock Cutter		
7413-19	Veneer Production Machine Operator	7423	HIDE AND SKIN PROCESSING MACHINE OPERATORS
7413-21	Plywood Production Machine Operator	7423-01	Supervisor, Hide and Skin Processing Machine Operators
7412-22	Wood Laminatina Brass Oncortos		

7423-11	Hide and Skin Processing Machine Operator	7431-99	Food Processing Machine Operators nec
7425	FABRIC PRODUCTION MACHINE OPERATORS	7433	PACKAGING MACHINE OPERATORS
7425-01	Supervisor, Fabric Production Machine Operators	7433-01	Supervisor, Packaging Machine Operators
7425-11	Warp Machine Operator	7433-11	Liquids Filler
		7433-99	Packaging Machine Operators nec
7425-13	Weaver		
7425-15	Textile Knitting Machine Operator	7435	PHOTOGRAPHIC PRODUCTS MACHINE OPERATORS
7425-17	Textile Dyeing and Finishing Machine Operator	7435-01	Supervisor, Photographic Products Machine Operators
7425-19	Rope and Cord Making Machine Operator	7435-11	Photographic Developer and Printer
7425-21	Textile Products Mender	7435-13	Photographic Film Manufacturing
7425-99	Fabric Production Machine Operators nec		Operator
	1160	7499	OTHER MACHINE OPERATORS
7427	TEXTILE SEWING MACHINISTS	7499-01	Supervisor, Other Machine Operators
7427-01	Supervisor, Textile Sewing Machinists	7499-11	Tobacco Technical Operator
7427-11	Textile Sewing Machinist (Single	7499-13	Tobacco Machine Attendant
7427-11	Needle)	7499-15	Dry Cleaning Machine Operator
7427-13	Textile Sewing Machinist (Multi Needle)	7499-17	Laundry Machine Operator
	,	7499-19	Military Weapons Operator
7429	SHOEMAKING MACHINE OPERATORS	7499-21	Printing Bindery Assistant
7429-11	Shoemaking Machine Operator	7499-23	Printing Table Hand
7431	FOOD PROCESSING MACHINE OPERATORS	7499-99	Machine Operators nec
7431-01	Supervisor, Food Processing Machine Operators		
7431-11	Grain and Cereal Processing Machine Operator		
7431-13	Sugar Processing Machine Operator		
7431-15	Soft Drink and Syrup Making Machine Operator (except Dairy)		
7431-17	Alcoholic Beverage Machine Operator		
7431-19	Meat and Fish Processing Machine Operator		
7431-21	Milk Treatment Machine Operator		
7431-23	Margarine Maker		
7431-25	Ice-Cream Maker		
7431-27	Food Factory Cook		

8	LABOURERS AND RELATED WORKERS	8199-15	Wood and Wood Products Factory Hand
	NELATED WORKERS	8199-17	Pulp, Papermaking and Paper Products Factory Hand
81	TRADES ASSISTANTS AND FACTORY HANDS	8199-19	Cement and Concrete Plant Labourer
0101	TRADEC ACCICTANTS	8199-21	Clay Processing Factory Hand
8101	TRADES ASSISTANTS	8199-23	Chemical Plant Labourer
8101-11	Metal Trades Assistant	8199-25	Rubber and Plastics Factory Hand
8101-13	Construction Trades Assistant	8199-27	Hide and Skin Processing Labourer
8101-15	Electrical and Telecommunications Trades Assistant	8199-29	General Hand (Printing)
8101-99	Trades Assistants nec	8199-31	Glassware Process Assistant
0402	ACCEMPLEDO	8199-33	Meatworks Labourer
8103	ASSEMBLERS	8199-35	Meat Boner and Slicer
8103-01	Supervisor, Assemblers	8199-37	Poultry Process Worker
8103-11	Metal and Metal Products Assembler	8199-39	Fish Process Worker
8103-13	Electrical and Electronic Equipment Assembler	8199-41	Baking Factory Hand
8103-15	Jewellery Assembler	8199-43	Dairy Factory Hand
8103-17	Wood Products Assembler	8199-45	Egg Process Worker
0105	HAND DACKEDS	8199-47	Fruit and Vegetable Factory Hand
8105 8105-11	HAND PACKERS	8199-99	Trades Assistants and Factory Hands
	Meat Packer		nec
8105-13	Fruit and Vegetable Packer	82	AGRICULTURAL LABOURERS
8105-99	Hand Packers nec		AND RELATED WORKERS
8107	INDUSTRIAL SPRAY PAINTERS	8201	FARM HANDS AND ASSISTANTS
8107-11	Industrial Spray Painter	8201-01	Supervisor, Farm Hands and Assistants
8109	QUALITY CONTROLLERS	8201-11	Livestock and Field Crop Farm Hand
8109-11	Product Grader	8201-13	Fruit, Vegetable and Nut Farm Hand
8109-13	Product Examiner	8201-15	Shearing Shed Hand
8109-15	Product Tester	8201-99	Farm Hands and Assistants nec
8109-17	Product Weigher	8203	FORESTRY LABOURERS
		8203-01	Supervisor, Forestry Labourers
8199	OTHER TRADES ASSISTANTS AND FACTORY HANDS	8203-03	Supervisor, Logging Labourers
8199-01	Supervisor, Other Trades Assistants	8203-03	Tree Faller
0100 11	and Factory Hands	8203-11	Forestry Worker
8199-11			
	Metal Processing and Finishing Factory Hand	8203-15	Logging Worker

8205	NURSERY AND GARDEN LABOURERS	8409	PAVING AND SURFACING LABOURERS
8205-11	Nursery Assistant (Horticulture)	8409-01	Supervisor, Paving and Surfacing Labourers
8205-13	Garden Labourer	8409-11	Paving and Surfacing Labourer
8299	OTHER AGRICULTURAL LABOURERS AND RELATED WORKERS	8411	SURVEY HANDS
8299-11	Shooter-Trapper	8411-11	Survey Hand
8299-99	Agricultural Labourers and Related Workers nec	8413	RAILWAY LABOURERS
	0.741	8413-01	Supervisor, Railway Labourers
83	CLEANERS	8413-11	Railway Labourer
8301	CLEANERS		
8301-01	Supervisor, Cleaners	8415	MINING AND MINERAL ORE TREATING LABOURERS
8301-11	Industrial Cleaner	8415-11	Mining Labourer
8301-13	Commercial Cleaner	8415-13	Driller's Offsider
8301-15	Hospital Cleaner	8415-15	Mineral Ore Processing Labourer
8301-17	Window Cleaner		
8301-19	Carpet Cleaner	8499	OTHER CONSTRUCTION AND MINING LABOURERS
8301-21	Motor Vehicle Cleaner	8499-11	Lagger
8301-99	Cleaners nec	8499-13	Crane Chaser
0.4	CONSTRUCTION AND	8499-15	Fence Erector
84	CONSTRUCTION AND MINING LABOURERS	8499-17	Building Construction Labourer
8401	INSTALLATION WORKERS	89	MISCELLANEOUS
8401-11	Building Insulation Installer		LABOURERS AND RELATED WORKERS
8401-13	Home Improvements Installer	8901	HISHERS AND DOOR ATTENDANTS
8403	CONCRETE WORKERS		USHERS AND DOOR ATTENDANTS Door Attendant
8403-11	Concrete Worker	8901-11	
	,	8901-13	Entertainment Usher
8405	STRUCTURAL STEEL AND RELATED CONSTRUCTION LABOURERS	8901-15	Ticket Taker
8405-11	Scaffolder	8903	LUGGAGE PORTERS
8405-13	Rigger (Construction)	8903-01	Supervisor, Luggage Porters
8405-15	Steel Fixer	8903-11	Luggage Porter
8405-17	Structural Steel Erector	8905	GARBAGE COLLECTORS
8407	EARTHMOVING LABOURERS	8905-01	Supervisor, Garbage Collectors
8407-11	Earthmoving Labourer	8905-11	Garbage Collector

8907	STOREMEN/WOMEN	8923	VEHICLE ACCESSORIES FITTERS
8907-01	Supervisor, Storemen/women	8923-01	Supervisor, Vehicle Accessories Fitters
8907-11	Storeman/woman	8923-11	Vehicle Accessories Fitter
8909	FREIGHT AND FURNITURE HANDLERS	8925	FISHERMEN/WOMEN, DECKHANDS AND SEAMEN/WOMEN
8909-01	Supervisor, Freight and Furniture Handlers	8925-01	Boatswain
8909-11	Freight Handler (Road and Rail)	8925-11	Seaman/woman
8909-13	Furniture Packer	8925-13	Fisherman/woman
8909-15	Wharf Labourer		
8909-17	Truck Driver's Offsider	8999	OTHER LABOURERS AND RELATED WORKERS
		8999-11	Animal Attendant
8911	GUARDS AND SECURITY OFFICERS	8999-13	Pest and Weed Controller
8911-01	Supervisor, Guards and Security Officers	8999-15	Vending Machine Attendant
8911-11	Railway Patrol Officer	8999-17	Lampman/woman
8911-13	Security Officer	8999-19	Handyman/woman
8911-15	Railway Guard	8999-21	Funeral Attendant
8911-99	Guards and Security Officers nec	8999-23	Veterinary Nurse
		8999-25	Railway Station Assistant
8913	CARETAKERS	8999-27	Automotive Parts Recycler
8913-11	Caretaker	8999-99	Labourers and Related Workers nec
8915	HOUSEKEEPERS		
8915-11	Executive Housekeeper		
8915-13	Domestic Housekeeper		
8917	LAUNDRY WORKERS		
8917-01	Supervisor, Laundry Workers		
8917-11	Laundry Worker		
8919	KITCHENHANDS		
8919-11	Kitchenhand		
8921	WARD HELPERS		
8921-01	Supervisor, Ward Helpers		
8921-11	Ward Assistant		
8921-13	Hospital Food Serviceperson		*

8921-15 Nursing Assistant

FORMAT OF DEFINITIONS

The format of major, minor and unit group definitions varies slightly between levels, but they all contain similar elements. These elements are:

- . statement of the boundaries of the group;
- information on skill level;
- list of principal or indicative tasks;
- . list of lower level groups or occupations contained in the group.

The major and minor group definitions have separate paragraphs dealing with each of the above elements. They also contain paragraphs dealing with special inclusions and exclusions in cases where the reason may not be obvious.

The unit group definitions are presented in the following format:

UNIT GROUP CODE and TITLE

A lead statement specifying the boundaries of the group in terms of broadly stated tasks.

Under the heading SKILL LEVEL is a statement specifying the skill level for the unit group, expressed in terms of formal education, previous experience and on-the-job training. Special requirements, such as licensing, are also indicated under this heading.

Under the heading TASKS INCLUDE is a list of primary tasks performed in the occupations included in the unit group.

Under the heading OCCUPATIONS is a list of occupation titles included in the unit group.

There are three categories of occupation titles:

Principal Titles are the official titles used to designate occupations in ASCO. They are printed in bold type and accompanied by the occupation level code.

Alternative Titles are commonly used synonyms of the Principal Title. They are designated by (a).

Specialisation Titles are commonly occurring titles referring to a subset of jobs belonging to the occupation designated by the Principal Title. These jobs involve the performance of specialised tasks rather than the broader range of tasks usually performed in the occupation. They are designated by (s).

Under the heading RELATED OCCUPATIONS is a list of related occupations contained in other unit groups.

Under the heading COMMENTS are items of relevant information not given elsewhere.

MAJOR GROUP 1 MANAGERS AND ADMINISTRATORS

MANAGERS AND ADMINISTRATORS head government, industrial, agricultural, commercial and other establishments, organisations, or departments within such organisations. They determine the policy of the establishment, organisation or department, and direct and co-ordinate its functioning, usually through subordinate executives. These tasks require a high level of judgement and an awareness of economic, technical, legal and other factors which affect those policies.

Most occupations in this major group have a level of skill commensurate with a 3 year degree and 5-10 years experience in a relevant field or industry.

Tasks performed by Managers and Administrators typically include formulating, administering and reviewing the policy and/or legislation which determine the direction to be taken by the body they head; controlling, directing and participating in the activities of that body personally or through a hierarchy of subordinate managers and supervisors; establishing operational and administrative procedures; and controlling the selection of senior staff and the allocation of resources.

Occupations in this major group are classified into the following minor groups:

- 11 LEGISLATORS AND GOVERNMENT APPOINTED OFFICIALS
- 12 GENERAL MANAGERS
- 13 SPECIALIST MANAGERS
- 14 FARMERS AND FARM MANAGERS
- 15 MANAGING SUPERVISORS (SALES AND SERVICE)
- 16 MANAGING SUPERVISORS (OTHER BUSINESS)

MINOR GROUP 11 LEGISLATORS AND GOVERNMENT APPOINTED OFFICIALS

LEGISLATORS AND GOVERNMENT APPOINTED OFFICIALS represent the people, the nation or the Crown in elected bodies, courts of law and overseas diplomatic missions. They direct and participate in the operations of establishments responsible for legislation, local, state and federal government, the administration of justice and diplomatic relations.

Entry into the occupations in this minor group requires election by the constituency, or appointment by the government or the Crown. However, substantial experience in public administration or legal practice is necessary for those occupations entered by appointment.

Tasks performed by Legislators and Government Appointed Officials typically include interpreting, administering, analysing and reviewing the law and public policy; investigating, developing, formulating and presenting legislative and public policy proposals; and promoting the interests of the constituencies which they represent.

Heads of Government Departments are excluded from this minor group because, although appointed by the government, their tasks are those of a General Manager of a large organisation. They are located in Minor Group 12, General Managers.

Occupations in this minor group are classified into the following unit groups:

1101 PARLIAMENTARIANS, COUNCILLORS AND GOVERNMENT REPRESENTATIVES

1103 JUDGES, MAGISTRATES AND MEDIATORS

1101 PARLIAMENTARIANS, COUNCILLORS AND GOVERNMENT REPRESENTATIVES

PARLIAMENTARIANS, COUNCILLORS AND GOVERNMENT REPRESENTATIVES participate in the activities of government as elected members of parliamentary or local government constituencies, or represent the Australian Government or the Crown in the Commonwealth, a State or in an overseas country.

SKILL LEVEL

The entry requirement for this unit group is substantial experience in public life or community activities.

TASKS include:

- assisting in the moulding of government policy and in formulating, amending and repealing legislation
- attending community functions and meetings of local groups
- investigating matters of concern to the public and electorate and introducing proposals for remedial government action
- promoting the interests of Australia and assisting Australian citizens overseas
- issuing policy directions to government departments and exercising overall control over municipal authorities or diplomatic missions overseas

COMMENTS

The occupations in this unit group can only be entered by government appointment or by election.

OCCUPATIONS

1101-11 Member of Parliament Government Minister (s) Premier (s) Prime Minister (s) Senator (s)

1101-99 Parliamentarians, Councillors and Government Representatives nec

Alderman/woman (s)
Ambassador (s)
Consul-General (s)
Governor (s)
Governor-General (s)
Head of Diplomatic Mission (s)
High Commissioner (s)
Mayor/Mayoress (s)
Northern Territory Administrator (s)

1103 JUDGES, MAGISTRATES AND MEDIATORS

JUDGES, MAGISTRATES AND MEDIATORS preside over judicial proceedings and pronounce judgements in courts of law, or act, individually or as members of administrative or industrial tribunals, to resolve disputes.

SKILL LEVEL

The entry requirement for this unit group is a 4-5 year degree or post-graduate degree in law and at least 10 years previous experience as a legal practitioner or in public administration.

TASKS include:

- conducting trials according to Rules of Procedure
- reading, hearing and considering evidence
- · instructing juries on points of law or procedure
- interpreting the law in relation to particular cases
- · sentencing offenders and awarding damages

· arbitrating on issues and making awards

COMMENTS

The occupations in this unit group can only be entered by government appointment.

OCCUPATIONS

1103-11 Corone	11	03-	11	Co	rone	er
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1103-13 Judge Justice of the High Court (s)

1103-15 Magistrate

1103-17 Administrative Appeals Tribunal Member

1103-19 Industrial Tribunal Member
Conciliation and Arbitration Commissioner
(a)

MINOR GROUP 12 GENERAL MANAGERS

GENERAL MANAGERS head government, industrial, commercial and other organisations, directing and co-ordinating the operations of those organisations through subordinate managers. They formulate policies which determine the overall direction of the organisation, maintaining an awareness of economic, technical and other factors which affect those policies.

Occupations in this minor group have a level of skill commensurate with a 3 year degree or diploma and substantial previous experience in management.

Tasks performed by General Managers typically include formulating and implementing policy independently or through consultation with subordinates; analysing information and presenting reports to governing bodies; representing the organisation in relations with governing bodies and outside organisations; and controlling the allocation and use of resources and selection of senior staff.

Education Managers are excluded from this minor group, because they operate within policy and expenditure constraints imposed by a wider authority. They are located in Minor Group 13, Specialist Managers. Directors of Nursing are also located in Minor Group 13 because they are not responsible for the administration of the hospital or nursing home as a whole.

Occupations in this minor group are classified into the following unit group:

1201 GENERAL MANAGERS

1201 GENERAL MANAGERS

GENERAL MANAGERS develop and review company policy and organise and direct the major functions of an industrial, commercial, governmental or other establishment through subordinate executives.

SKILL LEVEL

The entry requirement for this unit group is a degree and 5-15 years previous experience in management or related areas.

TASKS include:

- directing the operations of a company, authority or institution
- determining policy, either independently or on the basis of consultation with subordinate managers
- analysing economic, social, technical, legal and other data or trends
- consulting with subordinates and reviewing recommendations and reports
- preparing or arranging the preparation of reports, budgets and forecasts, and presenting them to governing bodies
- representing the organisation in negotiations at conventions, seminars and official occasions, and

liaising with other organisations

- · selecting or approving selection of senior staff
- authorising funds to implement policies and programmes
- co-ordinating subordinate units and staff, and instituting reporting, audit and control systems

OCCUPATIONS

1201-11 General Manager

Air Force ranks above and including Air Commodore (s)
Army ranks above and including Brigadier (s)
Chief Executive (s)
Fire Commissioner (s)
Head of Government Department (s)
Hospital Administrator (s)
Managing Director (s)
Managing Editor (s)
Medical Superintendent (s)
Naval ranks above and including
Commodore (s)
Ombudsman/woman (s)
Police Commissioner (s)
Regional Manager (s)
Trade Union Secretary (s)

MINOR GROUP 13 SPECIALIST MANAGERS

SPECIALIST MANAGERS co-ordinate the administration and operation of specialised functions or fields of activity within an organisation. Under broad direction from the General Manager, they direct the work of supervisors and accept responsibility for the operation of their department.

Occupations in this minor group have a level of skill commensurate with a 3 year degree or diploma and substantial supervisory experience within their specialist area.

Tasks performed by Specialist Managers typically include formulating policy and plans for their area of control; establishing and directing operational and administrative procedures; controlling expenditure; monitoring the performance of staff and controlling their selection and training.

This minor group includes Directors of Nursing because they direct the function of nursing in a hospital or nursing home but are not responsible for the administration of the establishment as a whole, and Education Managers are included because they administer educational institutions within policy and expenditure constraints imposed by a wider authority.

Managers of specialist organisations are included in Minor Group 12, General Managers. The manager of a finance company, for example, is not a Finance Manager but a General Manager. Leaders of teams of professionals whose tasks are primarily of a professional nature but who perform some managerial tasks in respect of the team (eg. Chief Architect, Chief Civil Engineer) are located in Major Group 2, Professionals.

Occupations in this minor group most commonly require a level of skill equivalent to a 3 year degree and substantial experience in supervision.

Occupations in this minor group are classified into the following unit groups:

- 1301 FINANCE MANAGERS
- 1303 SALES AND MARKETING MANAGERS
- 1305 PRODUCTION MANAGERS
- 1307 SUPPLY AND DISTRIBUTION MANAGERS
- 1309 PERSONNEL AND INDUSTRIAL RELATIONS MANAGERS
- 1311 DATA PROCESSING MANAGERS
- 1313 PUBLIC POLICY MANAGERS
- 1315 DIRECTORS OF NURSING
- 1317 EDUCATION MANAGERS
- 1319 COMMISSIONED OFFICERS (MANAGEMENT)
- 1399 OTHER SPECIALIST MANAGERS

1301 FINANCE MANAGERS

FINANCE MANAGERS administer the overall financial activities of an organisation either directly or through subordinates.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma and 5-10 years previous experience in accounting or finance.

TASKS include:

- planning the financial operations and overall financial policy of an organisation in consultation with other management
- co-ordinating the development, implementation and monitoring of financial, accounting and

administrative systems (including computerised systems)

- directing the collection of financial and accounting information and the preparation of budgets, reports and forecasts
- providing and interpreting financial information for other management
- directing and co-ordinating economic research
- · assessing proposals involving financial expenditure

OCCUPATIONS

1301-11 Finance Manager
Finance Director (a)
Chief Accountant (s)
Company Secretary (s)
Treasurer (except government) (s)

RELATED OCCUPATIONS

1201 General Managers 2701 Accountants

6101 Securities and Finance Dealers

1303 SALES AND MARKETING MANAGERS

SALES AND MARKETING MANAGERS administer the overall sales and marketing activities of organisations either directly or through subordinates.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma and 5-10 years previous experience in sales, marketing or promotion.

TASKS include:

- planning the overall sales and marketing policy of an organisation in consultation with other managers
- planning and controlling sales activities, methods and arrangements
- planning and conducting marketing campaigns and promotional activities
- directing staff activities and monitoring their performance
- monitoring customer service, invoicing, payments and administration costs
- directing research work and monitoring sales and marketing activity to produce reports and recommendations

OCCUPATIONS

1303-11 Sales and Marketing Manager

Advertising Manager (s) Export Manager (s) Merchandise Manager (s)

RELATED OCCUPATIONS

1501 Shop Managers 6201 Sales Representatives

6301-01 Supervisor, Sales Assistants

1305 PRODUCTION MANAGERS

PRODUCTION MANAGERS administer the overall production activities of organisations either directly or through subordinates.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma and 5-10 years previous experience in production engineering or supervision.

TASKS include:

- planning details of production activity
- planning overall production policy of an organisation in consultation with other managers
- directing staff activities and monitoring their efficiency
- controlling the operation of production plant facilities, quality control procedures and the implementation of safety requirements
- · monitoring production and production costs and

- controlling the preparation of production records and reports
- directing research into production methods, recommending and implementing initiatives
- informing other managers about production matters

OCCUPATIONS

1305-11 Production Manager (Manufacturing and Mining)
Plant Manager (s)
Quality Control Manager (s)
Works Manager (s)

1305-13 Producer (Media)
Executive Producer (s)
Studio Manager (s)
Television Producer (s)

1307 SUPPLY AND DISTRIBUTION MANAGERS

SUPPLY AND DISTRIBUTION MANAGERS administer the overall supply, storage and distribution activities of an organisation either directly or through subordinates.

SKILL LEVEL

The entry requirement for this unit group is a 3-5 year degree or diploma and 5-10 years previous experience in supply and distribution.

TASKS include:

- planning overall policy for the purchase, storage and distribution of goods in consultation with other managers
- planning details of purchasing, storage and distribution operations
- co-ordinating investigation of supply, distribution and storage options
- negotiating purchase contracts with suppliers, checking quality and cost of purchased goods and negotiating with suppliers concerning defects
- · planning and establishing distribution systems
- directing the planning and maintenance of storage and inventory systems
- directing the recording of purchase, storage and distribution transactions
- directing and monitoring activities of supply and distribution staff

OCCUPATIONS

1307-11 Supply and Distribution Manager Military Supply Officer (s) Procurement Manager (s) Purchasing Manager (s) Shipping Manager (s) Supply Manager (s) Transport Manager (s)

RELATED OCCUPATIONS

3913 Procurement Officers

1309 PERSONNEL AND INDUSTRIAL RELATIONS MANAGERS

PERSONNEL AND INDUSTRIAL RELATIONS MANAGERS

administer the overall personnel and industrial relations activities of an organisation either directly or through subordinates.

SKILL LEVEL

The entry requirement for this unit group is a 3-5 year degree or diploma and 5-10 years previous experience in personnel and industrial relations administration.

TASKS include:

- planning the overall personnel and industrial relations policy of an organisation in consultation with other managers
- controlling activities in personnel administration, staff selection and training, labour relations, wage and salary administration, health and safety, security and employee benefits
- directing personnel and industrial relations operations
- directing and monitoring activities of staff in personnel and industrial relations areas

OCCUPATIONS

1309-11 Personnel and Industrial Relations Manager
Manpower Manager (s)
Occupational Health and Safety Manager
(s)
Organisation and Methods Manager (s)
Training Manager (s)

RELATED OCCUPATIONS

2705 Personnel Specialists

1311 DATA PROCESSING MANAGERS

DATA PROCESSING MANAGERS administer the overall data processing activities of an organisation either directly or through subordinates.

SKILL LEVEL

The entry requirement for this unit group is a 3-5 year degree or diploma and 5-10 years previous experience in data processing.

TASKS include:

- planning the overall data processing policy of an organisation in consultation with other managers
- directing the selection, installation, use and maintenance of computing equipment and software
- controlling the selection and training of programmers and operators and monitoring their performance
- · directing data processing operations
- monitoring overall operations of electronic data processing to develop improvements to the systems

OCCUPATIONS

1311-11 Data Processing Manager
Information Systems Manager (s)
Operations Manager (Data Processing) (s)
Systems Manager (Data Processing) (s)

RELATED OCCUPATIONS

2707 Computing Professionals

1313 PUBLIC POLICY MANAGERS

PUBLIC POLICY MANAGERS administer the policy and programme activities of a federal or state government department, either directly or through subordinates.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree and 10 years previous experience in administration.

TASKS include:

- advising and providing information on an area of government policy
- directing and co-ordinating programme activity and policy formulation
- · directing operations of administrative organisation
- · implementing government directives and policies

OCCUPATIONS

1313-11 Public Policy Manager
Public Service Manager (a)
Section Head (Public Service) (s)

1315 DIRECTORS OF NURSING

DIRECTORS OF NURSING administer the overall nursing activities of a hospital either directly or through supervisors.

SKILL LEVEL

The entry requirement for this unit group is a 1 year post-graduate diploma in nursing administration and 2-5 years experience as a Registered Nurse. Registration as a double certificate nurse is required.

TASKS include:

- · planning nursing policies and activities
- establishing procedures and standards for nursing staff and ensuring that medical practitioners' requirements are met
- monitoring and controlling expenditure on staff, supplies, equipment and services
- directing preparation of budget information and reports
- monitoring selection and performance of nursing staff

OCCUPATIONS

1315-11 Director of Nursing
Matron (a)
Nurse Administrator (s)
Nursing Superintendent (s)

RELATED OCCUPATIONS

3401 Registered Nurses 6603 Enrolled Nurses

1317 EDUCATION MANAGERS

EDUCATION MANAGERS administer educational institutions (usually under the auspices of an external authority).

MANAGERS AND ADMINISTRATORS

GROUP DEFINITIONS

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma and 5-10 years of previous experience in a relevant teaching area.

TASKS include:

- co-ordinating the educational and administrative affairs of an educational institution
- · interviewing parents and new pupils
- advising students on course requirements and regulations governing course variations
- representing an educational institution at community and administrative meetings
- supervising or authorising the work of administration or teaching staff
- preparing or directing preparation of courses (including extra-curricular courses) and course outlines

OCCUPATIONS

1317-11 School Principal Headmaster/mistress (a)

1317-99 Education Managers nec Dean (s) Faculty Head (s)

1319 COMMISSIONED OFFICERS (MANAGEMENT)

COMMISSIONED OFFICERS (MANAGEMENT) administer the activities of armed services, police or fire organisations directly or through other managers or supervisors. They may receive training in occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma and 10 years previous experience as a junior officer.

TASKS include:

- advising and providing information on an area of defence policy
- directing and co-ordinating programme activity and policy formulation
- · directing operations of administrative organisation
- · implementing government directives and policies
- planning overall activities of an organisational unit in consultation with a higher authority
- · planning, directing and implementing an operational

programme for a group or area

- directing and monitoring the activities of junior officers and other staff and maintaining discipline
- directing and monitoring record keeping systems and preparation of reports
- · controlling expenditure and stores use
- · preparing estimates and budgets
- · performing ceremonial and public duties

OCCUPATIONS

- 1319-11 Commissioned Police Officer
- 1319-13 Commissioned Fire Officer
- 1319-15 Commissioned Defence Force Officer (Management)
 Captain (Defence Forces) (s)
 Colonel (s)
 Flight Lieutenant (s)
 Group Captain (s)
 Lieutenant (Navy) (s)
- 1319-91 Trainee Officer (Defence Forces)
 Midshipman (s)
 Officer Cadet (s)

RELATED OCCUPATIONS

3501 Police 7211 Fire Fighters

1399 OTHER SPECIALIST MANAGERS

This unit group covers occupations not elsewhere classified in Minor Group 13, Specialist Managers.

SKILL LEVEL

The entry requirement for this unit group is a 1-5 year certificate, degree or diploma or a higher degree and 5-10 years previous experience in a specialised area.

OCCUPATIONS

- 1399-11 Engineering Manager
- 1399-13 Research Manager
 Market Research Manager (s)
 Research and Development Manager (s)
- 1399-99 Specialist Managers nec Ambulance Superintendent (s) Library Manager (s) Marine Engineer Superintendent (s) Religious Administrator (s)

MINOR GROUP 14 FARMERS AND FARM MANAGERS

FARMERS AND FARM MANAGERS co-ordinate and participate in the activities of an agricultural establishment. They plan and conduct operations to obtain maximum production from the land, considering factors such as markets, climate, soil conservation, stock, crops and technological input.

Occupations in this minor group have a level of skill commensurate with 2-5 years previous experience in farming.

Tasks performed by Farmers and Farm Managers typically include directing and participating in farming operations to raise livestock and cultivate crops; controlling finances and the use of resources; hiring, training and supervising staff and contractors; maintaining and improving premises, land and equipment; monitoring prices and markets and arranging the marketing and transport of produce.

Occupations in this minor group are classified into the following unit group:

1401 FARMERS AND FARM MANAGERS

1401 FARMERS AND FARM MANAGERS

FARMERS AND FARM MANAGERS supervise and perform farming operations to raise livestock and cultivate field crops, market produce and other agricultural products.

SKILL LEVEL

The entry requirement for this unit group is 2-5 years previous experience as a farm hand or farm trainee.

TASKS include:

- planting, spraying, fertilising and harvesting crops such as cereal grain, oilseed, protein crops, sugar cane, tobacco, and market produce
- selling or storing grain and fodder
- planning and implementing breeding and feeding programmes for livestock and poultry
- culling and selling immature or non-productive livestock or fruit
- cleaning and disinfecting buildings, sheds, pens, equipment and facilities to maintain produce quality and health standards
- organising and conducting farming operations particular to the type of farm, such as milking; shearing; collecting, grading, and packaging of produce; catching and loading livestock; exercising horses; cultivating seedlings and grafting trees.

OCCUPATIONS

- 1401-11 Grain, Oilseed and Pasture Grower
 Grain, Oilseed and Pasture Farm Manager
 (a)
 Seed Farmer (s)
 Wheat Farmer (s)
- 1401-13 Sugar Cane Grower Sugar Cane Farm Manager (a)
- 1401-15 Tobacco Grower Tobacco Farm Manager (a)
- 1401-17 Beef Cattle Farmer
 Beef Cattle Farm Manager (a)
 Cattle Grazier (a)
 Beef Cattle Station Manager (s)

- Beef Cattle Stud Farmer (s) Buffalo Farmer (s)
- 1401-19 Dairy Farmer
 Dairy Farm Manager (a)
 Dairy Cattle Stud Farmer (s)
- 1401-21 Sheep Farmer
 Sheep Farm Manager (a)
 Sheep Station Manager (s)
 Sheep Stud Farmer (s)
 Wool Grower (s)
- 1401-23 Pig Farmer
 Pig Farm Manager (a)
 Pig Breeder (s)
- 1401-25 Poultry Farmer
 Poultry Farm Manager (a)
 Chicken Meat Producer (s)
 Egg Producer (s)
 Hatchery Manager (s)
- 1401-27 Horse Breeder
 Horse Stud Manager (a)
 Horse Stud Farmer (s)
 Stud Master/Mistress (s)
- 1401-29 Mixed Farmer Mixed Farm Manager (a)
- 1401-31 Fruit and Nut Grower
 Fruit and Nut Farm Manager (a)
 Orchardist (s)
 Viticulturist (s)
- 1401-33 Vegetable Grower
 Vegetable Farm Manager (a)
 Market Gardener (s)
 Olericulturist (s)
- 1401-35 Apiarist Beekeeper (a)
- 1401-91 Trainee Farmer
 Trainee Farm Manager (a)
 Farm Apprentice (s)
 Jackaroo (s)
 Jillaroo (s)
- 1401-99 Farmers and Farm Managers nec Commercial Flower Grower (s) Cotton Grower (s)

Fish Farmer (s) Goat Farmer (s) Oyster Farmer (s)

RELATED OCCUPATIONS

8201

Farm Hands and Assistants

MINOR GROUP 15 MANAGING SUPERVISORS (SALES AND SERVICE)

MANAGING SUPERVISORS (SALES AND SERVICE) head establishments too small to have a hierarchy of managers, which carry out retail trade and services to the general public. They co-ordinate all functions of such establishments, formulating policies and objectives in both general and specific terms, and ensuring that the finance, staffing, training and marketing functions operate efficiently. Their immediate subordinates are usually supervisors. (All supervisors can be found in the same unit group as the most highly skilled occupation they supervise.)

Occupations in this minor group have a level of skill commensurate with 5 years experience in retail sales or service establishments.

Tasks performed by Managing Supervisors (Sales and Service) typically include directing and participating in the operations of the establishment; promoting and advertising the products and services; controlling selection, supervision and training of staff; determining staffing and salary levels; formulating purchasing and marketing policy and setting prices; and ensuring that premises, equipment and furnishings are kept clean, well maintained and secure.

This minor group includes managers of Commonwealth Employment Service and Department of Social Security branches because they manage small establishments which provide a service to the public.

Occupations in this minor group are classified into the following unit groups:

- 1501 SHOP MANAGERS
- 1503 RESTAURANT AND CATERING MANAGING SUPERVISORS
- 1505 ACCOMMODATION AND TAVERN MANAGING SUPERVISORS
- 1507 FINANCIAL INSTITUTION BRANCH MANAGERS
- 1599 OTHER MANAGING SUPERVISORS (SALES AND SERVICE)

1501 SHOP MANAGERS

SHOP MANAGERS plan and organise the operations of a retail trading establishment.

SKILL LEVEL

The entry requirement for this unit group is 1-10 years previous experience in a sales-related position. A licence, permit or lease to operate is required by local government authorities.

TASKS include:

- planning, directing and participating in the operations of the shop
- controlling the selection and training of staff and supervising their work
- determining purchasing and marketing policies, salaries and prices
- maintaining records of stock levels and financial transactions
- displaying and selling merchandise
- providing information about merchandise to staff and customers
- ensuring that shop premises, fixtures and fittings are cleaned and maintained

OCCUPATIONS

1501-11 Shop Manager
Bookshop Manager (s)
Delicatessen Manager (s)
Dry Cleaning Establishment Manager (s)

General Storekeeper (s)
Greengrocery Manager (s)
Hardware Store Manager (s)
Milk Bar Manager (s)
Newsagency Manager (s)
Service Station Manager (s)
Stationer (s)
Supermarket Manager (s)
Take Away Food Outlet Manager (s)

1503 RESTAURANT AND CATERING MANAGING SUPERVISORS

RESTAURANT AND CATERING MANAGING SUPERVISORS plan and organise the provision of meals and beverages in restaurants (including cafeterias, canteens, bistros and clubs), and at public or private functions, mainly for consumption on the premises.

SKILL LEVEL

The entry requirement for this unit group is a 3 year associate diploma. 2 years on-the-job training is usual. A licence or permit to operate is required by local government authorities.

TASKS include:

- directing and participating personally in restaurant and catering operations
- · planning menus in consultation with the chef

MANAGERS AND ADMINISTRATORS

GROUP DEFINITIONS

- purchasing or controlling the purchase of food supplies and monitoring quality at all stages of preparation and presentation
- controlling the selection and training of staff and supervising their work
- maintaining records of stock levels and financial transactions
- · determining salaries and prices
- arranging for advertising and handling public relations
- inspecting dining room, kitchen and storage facilities to ensure they meet health requirements and are clean, functional and pleasing in appearance

OCCUPATIONS

1503-11 Restaurant and Catering Managing Supervisor

Supervisor
Canteen Manager (s)
Caterer (s)
Mess Supervisor (Defence Forces) (s)
Restaurateur (s)

1505 ACCOMMODATION AND TAVERN MANAGING SUPERVISORS

ACCOMMODATION AND TAVERN MANAGING SUPERVISORS plan and organise the operation of hotel, motel, lodging facilities and grounds at caravan and tourist parks, recreational camp sites and other accommodation establishments.

SKILL LEVEL

The entry requirement for this unit group is 1-5 years previous experience as supervisor of an accommodation establishment. A licence, permit or lease to operate is required by local government authorities.

TASKS include:

- planning, directing and participating personally in the operations of the establishment
- controlling the selection and training of staff and supervising their work in various organisational units such as reception, dining room, kitchen, bar etc
- registering guests, assigning accommodation and showing guests the accommodation and recreation facilities
- checking rooms, collecting keys, determining and collecting payment when guests check out
- · maintaining records of financial transactions
- informing guests of local tourist attractions and recreational facilities and attending to queries and complaints lodged by customers
- arranging the cleaning and maintenance of gardens, grounds, buildings and any other facilities

OCCUPATIONS

1505-11 Hotel/Motel Manager

Hotelier (a) Publican (s) Resort Manager (s) Tavern Manager (s)

1505-13 Caravan Park Manager

1505-99 Accommodation and Tavern Managing Supervisors nec Boarding House Manager (s) Hostel Manager (s)

1507 FINANCIAL INSTITUTION BRANCH MANAGERS

FINANCIAL INSTITUTION BRANCH MANAGERS plan and organise the day-to-day financial activities of a branch office of a Bank, Credit Union, Building Society or other financial institution.

SKILL LEVEL

The entry requirement for occupations in this unit group is 5-15 years experience in financial institutions.

TASKS include:

- planning, directing and participating in the operations of the institution
- implementing or adapting standard office procedures prepared by head office
- · assessing and authorising loan applications
- · advising clients on investment
- promoting the branch and actively developing business
- controlling the selection, training and supervision of staff
- organising staffing to ensure availability during peak periods, after hours or for priority work
- ensuring security procedures are implemented for safeguarding and moving cash and important documents

OCCUPATIONS

1507-11 Financial Institution Branch Manager
Bank Manager (s)
Building Society Manager (s)
Credit Union Manager (s)

1599 OTHER MANAGING SUPERVISORS (SALES AND SERVICE)

This unit group covers occupations not elsewhere classified in Minor Groups 15, Managing Supervisors (Sales and Service).

SKILL LEVEL

There is no specific entry requirement for this unit group although some occupations may require previous experience in the relevant industry. A licence, permit or lease to operate is required by local government authorities.

OCCUPATIONS

1599-11 Hairdressing Establishment Managing Supervisor

1599-13 Sports Centre Manager Sports Centre Administrator (a)

1599-15 Postmaster/mistress

1599-17 Real Estate Agency Manager

1599-19 Bookmaker

1599-21 Railway Station Master/Mistress

1599-99 Managing Supervisors (Sales and Service)

nec
Beauty Parlour Manager (s)
Licensed Club Manager (s)
Stock and Station Agency Manager (s)
Stockbroking Firm Manager (s)
TAB Manager (s)

MINOR GROUP 16 MANAGING SUPERVISORS (OTHER BUSINESS)

MANAGING SUPERVISORS (OTHER BUSINESS) head establishments too small to have a hierarchy of managers, which carry out activities other than agriculture, retail trade or services to the general public. They co-ordinate all functions of the establishment, formulating policies and objectives in both general and specific terms, and ensuring that the finance, staffing, training and marketing functions operate efficiently. Their immediate subordinates are usually supervisors. (All supervisors can be found in the same unit group as the most highly skilled occupation they supervise.)

Occupations in this minor group have a level of skill commensurate with 5-10 years experience in a relevant field or industry. However, the entry requirement for Professional Builder is a 5 year degree.

Tasks performed by Managing Supervisors (Other Business) typically include directing and participating in business operations; promoting and advertising the products and services; controlling selection, supervision and training of staff; determining staffing and salary levels; formulating purchasing and marketing policy; authorising financial arrangements with customers, suppliers and contractors; and discussing and determining customer requirements.

This minor group includes Professional Builders because they cannot reliably be distinguished in statistical collections from Building Contractors. They do not manage small businesses but direct the use of resources for government and corporate building programmes.

Occupations in this minor group are classified into the following unit group:

1601 MANAGING SUPERVISORS (OTHER BUSINESS)

1601 MANAGING SUPERVISORS (OTHER BUSINESS)

MANAGING SUPERVISORS (OTHER BUSINESS) co-ordinate the operations of relatively small businesses conducting operations in manufacturing, wholesale trade, construction and various industries other than primary production, retail trade and services.

SKILL LEVEL

There is no formal entry requirement for this unit group, although Managing Supervisors may have previous experience in the relevant industry. The entry requirement for Professional Builder, however, is a 5 year degree. A licence or permit to operate is required by local government authorities.

TASKS include:

- · recruiting and directing staff
- ordering products from manufacturers, importers or overseas suppliers for sale to other establishments for resale or use in those establishments
- examining market trends and formulating policies

accordingly

- liaising with customers to determine requirements for specific products or markets, and answering queries and complaints
- determining and implementing marketing strategies for products
- · engaging and controlling work of sub-contractors

OCCUPATIONS

- 1601-11 Importer-Exporter Import-Export Business Manager (a)
- 1601-13 Professional Builder Building and Construction Manager (a)
- 1601-15 Building Contractor Contract Builder (s)
- 1601-17 Wholesaler
- 1601-19 Manufacturer
- 1601-99 Managing Supervisors (Other Business) nec Laundry Manager (s)

GROUP DEFINITIONS PROFESSIONALS

MAJOR GROUP 2 PROFESSIONALS

PROFESSIONALS perform analytical, conceptual and creative tasks requiring a high level of intellectual ability and thorough understanding of an extensive body of theoretical knowledge.

Most occupations in this major group have a level of skill commensurate with a 3 year degree or diploma, with some occupations requiring a longer basic degree and/or postgraduate qualifications.

Tasks performed by Professionals typically include conducting and analysing research to extend the body of knowledge in their discipline; developing techniques to apply this knowledge; designing products, physical structures and engineering systems; identifying and treating, or advising on, health, social and personal problems; teaching the theory and practice of one or more disciplines; developing and co-ordinating administrative programmes; and communicating ideas through language and artistic media (including in visual and performing arts).

This major group includes leaders of teams of Professionals whose tasks are primarily of a professional nature but who perform some managerial tasks in respect of the team (e.g. Chief Architect, Chief Civil Engineer).

Chief Accountant and School Principal are excluded from this major group because their tasks are primarily managerial. They are located in Major Group 1, Managers and Administrators.

Occupations in this major group are classified into the following minor groups:

- 21 NATURAL SCIENTISTS
- 22 BUILDING PROFESSIONALS AND ENGINEERS
- 23 HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS
- 24 SCHOOL TEACHERS
- 25 OTHER TEACHERS AND INSTRUCTORS
- 26 SOCIAL PROFESSIONALS
- 27 BUSINESS PROFESSIONALS
- 28 ARTISTS AND RELATED PROFESSIONALS
- 29 MISCELLANEOUS PROFESSIONALS

MINOR GROUP 21 NATURAL SCIENTISTS

NATURAL SCIENTISTS observe, research and analyse natural phenomena; develop techniques and materials for medical, industrial, agricultural, mining and military applications; manage natural resources and advise on the cultivation of plants and animals; and provide information to Medical Practitioners on the diagnosis, treatment and prevention of disease.

Occupations in this minor group have a level of skill commensurate with a 4 year degree and some postgraduate study or training.

Tasks performed by Natural Scientists typically include conducting experiments, examinations and analyses; interpreting and analysing data and results of experiments; developing procedures and equipment for scientific research; and preparing scientific papers and reports.

Occupations in this minor group are classified into the following unit groups:

- 2101 CHEMISTS
- 2103 GEOLOGISTS AND GEOPHYSICISTS
- 2105 PHYSICISTS
- 2107 LIFE SCIENTISTS
- 2109 MEDICAL TESTING PROFESSIONALS
- 2199 OTHER NATURAL SCIENTISTS

2101 CHEMISTS

CHEMISTS analyse and research the physical and chemical properties of substances and develop chemical techniques for use in the manufacture or modification of natural substances and processed products.

SKILL LEVEL

The entry requirement for this unit group is an honours degree.

TASKS include:

- conducting experiments to identify chemical composition, energy and chemical changes in natural substances or processed materials
- developing procedures, instruments and recording and testing systems for use in experiments
- · analysing results and experimental data
- testing techniques and processes under a variety of conditions to ascertain reliability
- developing quality control procedures for the manufacture of products in plants or factories
- preparing scientific papers and reports

OCCUPATIONS

2101-11 Chemist
Assayer (s)
Chief Chemist (s)
Food Technologist (s)

RELATED OCCUPATIONS

2217-17 Materials Scientist

2103 GEOLOGISTS AND GEOPHYSICISTS

GEOLOGISTS AND GEOPHYSICISTS study the nature, composition and structure of the earth and other planetary bodies and of atmospheres and hydrospheres. They use geological knowledge to locate mineral deposits, determine the flow pattern of ocean tides and currents and forecast seismic, magnetic, electrical and thermal activity.

SKILL LEVEL

The entry requirement for this unit group is an honours degree.

TASKS include:

- exploring specific areas of the earth to determine structure and type of rocks and minerals
- measuring gravitational and magnetic fields to determine size, mass and structure of the earth and planetary bodies
- determining structure of earth's mantle and crust using explosion seismology methods
- interpreting remote sensing imagery to identify rock types and structural trends which suggest the presence of features for further investigation
- examining samples (including fossils) from field studies, ground and drillhole surveys using optical, chemical and mechanical laboratory techniques
- analysing and interpreting data derived from laboratory and field studies
- conferring with mining engineers, metallurgists and finance professionals to determine the economics of resource extraction
- · preparing scientific papers and reports

OCCUPATIONS

2103-11 Geologist Chief Geologist (s) Geochemist (s) Mud Logger (s)

2103-13 Geophysicist

Hydrologist (s) Physical Oceanographer (s)

Seismologist (s)

2105 PHYSICISTS

PHYSICISTS study structure and physical properties of matter, behaviour, relationships and interactions of matter, energy and other physical phenomena, and develop materials, products and processes using knowledge of physics.

SKILL LEVEL

The entry requirement for this unit group is an honours degree.

TASKS include:

- conducting experiments, tests and analyses in fields such as mechanics, optics, sonics, thermodynamics, electricity, electronics, magnetism and nuclear
- studying specific aspects of the functions and physical mechanisms of systems in living organisms
- examining physical forces involved in replication and heredity
- developing industrial, medical, military and other applications of physics
- · expressing observations, formulating conclusions and illustrating hypotheses using mathematical techniques and models
- · preparing scientific papers and reports

OCCUPATIONS

2105-11 **Physicist**

Astronomer (s) Chief Physicist (s) Cosmologist (s) Crystallographer (s)

2107 LIFE SCIENTISTS

LIFE SCIENTISTS examine the morphology, structure, chemistry and physical characteristics of humans, animals, plants and other living organisms; develop practical applications of biological and related theory; study the environment of, and interrelationships between, animals and plants; develop and manage forest lands and resources; and advise farmers on all aspects of farming.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree.

TASKS include:

- · studying the physical and chemical form, structure, composition and function of organs and tissues
- researching the effect of internal and external environmental factors on the life processes and functions of humans, plants and animals, such as respiration, circulation, movement etc., under normal and abnormal conditions
- · identifying and studying the chemical substances

and events involved in physiological processes

- growing plants under controlled conditions to study the impact of environmental factors on plant growth
- structure of communities organisms in the laboratory and natural environment to predict the effect of human influences
- studying forest plants and environmental effects upon them, and planning maximum long-term economic, environmental and recreational benefits from forest resources
- advising farmers on growth and production rates of field crops, produce and livestock
- preparing scientific papers and reports

OCCUPATIONS

Anatomist 2107-11

Animal Morphologist (a) Embryologist (s) Histologist (s) Neuroanatomist (s)

2107-13 **Physiologist** Endocrinologist (s)

2107-15 **Biochemist** Enzyme Chemist (s) Molecular Biologist (s) Protein Chemist (s)

2107-17 **Biophysicist**

2107-19 **Botanist**

Agronomist (s) Agrostologist (s)
Horticultural Scientist (s) Plant Anatomist (s) Plant Morphologist (s) Plant Pathologist (s) Plant Physiologist (s) Plant Scientist (s)
Plant Taxonomist (s)

2107-21 **Ecologist**

2107-23 Zoologist

Animal Nutritionist (s) Animal Taxonomist (s) Entomologist (s) Insect Pathologist (s) Soil Zoologist (s) Veterinary Parasitologist (s) Veterinary Pathologist (s)

2107-25 Forester

Forest Manager (a) Forest Scientist (s) Forestry Adviser (s) Harvesting Manager (Forestry) (s) Sylviculturist (s)

2107-27

Agricultural Extension Officer Agricultural Adviser (a) Agricultural Consultant (s) Farm Consultant (s)

2107-99 Life Scientists nec

Bacteriologist (s) Cell Biologist (s) Geneticist (s) Microbiologist (s) Parasitologist (s)

Pharmacologist (except Clinical) (s) Soil Biologist (s)

Toxicologist (s) Virologist (s)

2109 MEDICAL TESTING PROFESSIONALS

MEDICAL TESTING PROFESSIONALS conduct medical laboratory tests and apply knowledge and methodology from various scientific disciplines such as physics, chemistry and engineering to provide information and develop equipment for diagnosis, treatment and prevention of human disease.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree.

TASKS include:

- preparing tissue sections for microscopic examination to determine the nature, cause and progress of disease
- performing autopsies to determine the nature and extent of disease or injury or the cause of death
- analysing body specimens to determine presence and quality of microbic infections and various chemical substances
- studying characteristics of blood cells related to various physiological and pathological conditions, and performing blood tests
- assessing the effects of microbic behaviour on tissue and investigating responses of the body to foreign cells or other agents
- advising on the use of ionising radiation, and formulating radiation protecting procedures for the hospital environment
- developing electronic and mechanical equipment to assist in the diagnosis, treatment and rehabilitation of patients
- · preparing case reports

OCCUPATIONS

2109-11 Medical Laboratory Scientist
Clinical Laboratory Scientist (a)
Clinical Chemist (s)
Cytologist (s)
Epidemiologist (s)

2109-13 Clinical Physical Scientist Biomedical Engineer (s) Medical Physicist (s)

2199 OTHER NATURAL SCIENTISTS

This unit group covers occupations not elsewhere classified in minor group 21, Natural Scientists.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree.

OCCUPATIONS

- 2199-11 Environmental Scientist
 Air Pollution Analyst (s)
 Land Degradation Analyst (s)
 Water Quality Analyst (s)
- 2199-13 Soil Scientist
 Pedologist (a)
 Soil Conservationist (s)
- 2199-15 Meteorologist
 Agrometeorologist (s)
 Hydrometeorologist (s)
 Research Meteorologist (s)

MINOR GROUP 22 BUILDING PROFESSIONALS AND ENGINEERS

BUILDING PROFESSIONALS AND ENGINEERS apply specialised scientific and technical expertise to the operation and development of production systems and the design, construction, installation and maintenance of civil and industrial structures, plant and mechanical or electrical equipment. They survey and investigate geological and geographical phenomena in order to prepare graphic and pictorial representations of them and advise on the extraction of minerals, oil and gas and the undertaking of civil engineering projects.

Occupations in this minor group have a level of skill commensurate with a 3-5 year degree or diploma.

Tasks performed by Building Professionals and Engineers typically include preparing and analysing plans, maps or designs of buildings, landscapes, mines, oil and gas installations, production systems, mechanical and electrical equipment and other engineering projects; planning and monitoring the progress and operation of engineering projects and industrial production; estimating the costs and advising on the feasibility of engineering and survey operations; liaising with clients, other professionals and managers to resolve design, planning and operational problems; and conducting applied research to solve practical problems.

Aircraft Maintenance Engineers are excluded from this minor group because they do not require extensive theoretical knowledge and the entry requirement for these occupations is a trade certificate. They are located in Unit Group 4211, Aircraft Maintenance Engineers. Professional Builders are located in Unit Group 1601, Managing Supervisors (Other Business), as they cannot reliably be distinguished in statistical collections from Building Contractors.

Occupations in this minor group are classified into the following unit groups:

- 2201 ARCHITECTS AND LANDSCAPE ARCHITECTS
- 2203 QUANTITY SURVEYORS
- 2205 CARTOGRAPHERS AND SURVEYORS
- 2207 CHEMICAL ENGINEERS
- 2209 CIVIL ENGINEERS
- 2211 ELECTRICAL AND ELECTRONICS ENGINEERS
- 2213 MECHANICAL ENGINEERS
- 2215 MINING ENGINEERS
- 2217 METALLURGISTS AND MATERIALS SCIENTISTS
- 2219 OTHER ENGINEERS

2201 ARCHITECTS AND LANDSCAPE ARCHITECTS

ARCHITECTS AND LANDSCAPE ARCHITECTS design commercial, industrial and residential buildings and landscapes and plan construction.

SKILL LEVEL

The entry requirement for this unit group is a 5-6 year degree or post-graduate diploma. Architects are required to register with state authorities to practise privately.

TASKS include:

- analysing sites and making appropriate recommendations for development or construction
- preparing detailed scale drawings and detailed specifications for design and construction
- liaising with clients and other professionals on matters of design, cost, timing and feasibility of projects

monitoring construction to ensure compliance with specifications

OCCUPATIONS

2201-11 Architect Chief Architect (s)

2201-13 Landscape Architect

RELATED OCCUPATIONS

2219-15 Naval Architect 2907-11 Urban and Regional Planner 4805-13 Landscape Gardener

2203 QUANTITY SURVEYORS

QUANTITY SURVEYORS prepare and monitor cost estimates and bills of quantities for construction projects.

GROUP DEFINITIONS

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma.

TASKS include:

- analysing architectural and engineering drawings and specifications to estimate the cost of materials, labour and construction
- · liaising with architects, builders and engineers
- monitoring changes of design and assessing effects on cost
- advising clients on tenders
- advising on costs of alternative construction materials and methods and on alternative contractual arrangements

OCCUPATIONS

2203-11 Quantity Surveyor

2205 CARTOGRAPHERS AND SURVEYORS

CARTOGRAPHERS AND SURVEYORS use digital and graphic source material and surveying techniques to determine the exact position of natural and constructed geographical features and prepare or revise graphic and pictorial representations. They also supervise and co-ordinate the work of other cartographers, technicians and field workers.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma.

TASKS include:

- determining the position of points of the earth's surface including the ocean bed
- · designing and compiling map manuscripts
- liaising with other professionals
- advising on technical, environmental and other requirements connected with surveying, mapping, land sub-division and development
- advising on technical, aesthetic and economic aspects of map production
- researching and developing surveying and cadastral systems and information/data banks

OCCUPATIONS

2205-11 Cartographer

2205-13 Surveyor
Air Photo Plotter (Air Force) (s)
Cadastral Surveyor (s)
Engineering Surveyor (s)
Geodetic Surveyor (s)
Hydrographic Surveyor (s)
Photogrammetric Surveyor (s)

2207 CHEMICAL ENGINEERS

CHEMICAL ENGINEERS conduct applied research to develop and improve commercial-scale chemical products or processes, and design and prepare specifications for commercial-scale chemical plants and control systems. They oversee industrial

processing and fabrication operations involving products undergoing physical and chemical changes. They may supervise engineering associates and technical officers.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree.

TASKS include:

- investigating practical engineering problems, conducting mathematical modelling and computer simulation of complex processes
- evaluating merits of batch and continuous flow operations and optimising process conditions
- designing pilot plants and systems used for effecting chemical changes, heat transfer, removal of components, fuel evaluation, control, storage and handling of solids, liquids and gases
- advising sales personnel and market researchers on processes and products
- overseeing operation and maintenance of equipment to achieve maximum efficiency under safe operating conditions
- ensuring that materials and equipment conform to specifications, diagnosing malfunctions and instituting remedial action
- preparing reports, feasibility studies and detailed costings

OCCUPATIONS

2207-11 Chemical Engineer
Combustion Engineer (s)
Petrochemical Process Engineer (s)
Principal Chemical Engineer (s)
Smelting Engineer (s)
Water Treatment Engineer (s)

2209 CIVIL ENGINEERS

CIVIL ENGINEERS plan, design and direct construction and manage operations and maintenance of large-scale transport, water supply and sewerage structures. They conduct research into materials, processes and systems, scientific theories and principles applicable to practical engineering problems. They may supervise engineering associates and technical officers.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree.

TASKS include:

- conducting experiments, investigating and correlating data on concrete technology, structures, soil mechanics, hydrology, hydraulics, water and waste treatment processes and other such areas
- designing hydraulic systems, roads, aerodromes, water supply systems, sewerage systems, bridges, dams, buildings and harbours
- determining and specifying construction methods, materials and quality standards
- analysing loading, labour, productivity and performance of materials and systems
- ensuring that equipment, operation and maintenance accord with design specifications
- diagnosing malfunctions and instituting remedial action

- establishing work control systems to promote and monitor operational efficiency, safety, cost-effectiveness and environmental protection
- establishing a detailed programme to co-ordinate site activities, administer contracts, and ensure satisfactory completion

OCCUPATIONS

2209-11 Civil Engineer

Chief Civil Engineer (s)
Construction Engineer (s)
Municipal Engineer (s)
Structural Engineer (s)
Transport Engineer (Army) (s)
Water Supply Distribution Engineer (s)

2211 ELECTRICAL AND ELECTRONICS ENGINEERS

ELECTRICAL AND ELECTRONICS ENGINEERS design and develop electrical and electronic systems and equipment used in communications, process control, navigation, data processing, entertainment, power generation and distribution, and oversee their manufacture, testing, installation, operation and maintenance. They research electrical and electronic phenomena in order to solve practical engineering problems. They may supervise engineering associates and technical officers.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree.

TASKS include:

- conducting experiments; investigating and correlating data on power generation and transmission systems, transformers, switchgear and electric motors and their controls, telemetry and remote control systems, process and systems control, data processing equipment, radar, communications equipment, and microwave systems
- preparing and evaluating designs and specifications and overseeing manufacture, installation and operation of equipment and systems, ensuring compliance with specifications and contractual arrangements
- determining arrangement of circuit elements, transistors and integrated circuits and location, layout and transmission medium
- developing test apparatus and evaluation procedures
- developing or modifying electrical components, equipment and appliances, overseeing construction of prototype circuits
- establishing safety and performance standards and procedures for modification, maintenance and repair

OCCUPATIONS

2211-11 Electrical Engineer

Chief Electrical Engineer (s) Electrical Maintenance Engineer (s) Electrical Power Engineer (s)

2211-13 Electronics Engineer

Chief Electronics Engineer (s)
Communications Engineer (s)
Computer Engineer (s)
Process Control Engineer (s)
Radio Engineer (s)
Telecommunications Engineer (s)

2213 MECHANICAL ENGINEERS

MECHANICAL ENGINEERS design and develop machines, mechanisms, mechanical plant and systems and oversee their assembly, erection and operation. They conduct research into materials, mechanisms, machines and processes to solve practical engineering problems. They may supervise engineering associates and technicians.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree.

TASKS include:

- conducting experiments, investigating and correlating data on energy use, materials handling, thermodynamic processes, fluid mechanics, vehicles and environmental controls
- designing mechanical equipment, machinery, components, products for manufacture, plant and systems for construction
- developing specifications for manufacture, determining materials, equipment, piping, material flows, capacities and layout of plant or systems
- overseeing construction and establishing work control systems to promote and monitor operational efficiency, safety, cost-effectiveness, quality and environmental protection
- evaluating performance of machinery and equipment to determine suitability for manufacturing application

OCCUPATIONS

2213-11 Mechanical Engineer
Air-Conditioning Engineer (s)
Chief Mechanical Engineer (s)

2215 MINING ENGINEERS

MINING ENGINEERS plan and direct the engineering aspects of extraction of minerals, oil and gas from the earth (including the sea bed). They may supervise engineering associates and technical officers.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree.

TASKS include:

- conducting preliminary surveys of mineral deposits to ascertain economic feasibility of ore extraction
- consulting geologists, geophysicists and other engineers concerning location, design and development of extractive processes
- planning location for drilling, layout of tunnels and chambers and construction of shafts
- selecting or designing machinery, facilities and systems for mining
- devising methods of controlling flow of oil or gas from wells
- preparing and evaluating cost estimates, specifications and tenders
- · establishing safety procedures and first aid facilities

at the mine

OCCUPATIONS

2215-11 Mining Engineer (except Petroleum)
Chief Mining Engineer (s)

2215-13 Petroleum Engineer
Mud Engineer (s)
Oil and Gas Drilling Engineer (s)
Petrophysical Engineer (s)

2217 METALLURGISTS AND MATERIALS SCIENTISTS

METALLURGISTS AND MATERIALS SCIENTISTS investigate the properties of metals and alloys; develop new ceramic, polymeric and other materials; and develop, control and advise on extraction, refinement, alloying and treatment procedures. They may supervise engineering associates and technicians.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree in metallurgical engineering or materials science or engineering.

TASKS include:

- studying structure and properties of metals and alloys, ceramics, polymers, plastics, composite materials and rubbers
- developing and testing new techniques and products
- evaluating metal properties during rolling, extruding, casting, welding and alloying processes
- studying engineering properties of materials in relation to tension, compression, impact, bending, fatigue and extremes of temperature using testing devices
- studying and applying chemical and process metallurgy techniques for extraction of metals and alloys in commercial quantities by high temperature smelting or leaching precipitation
- designing and developing techniques for moulding, casting, shaping and joining diverse materials and overseeing experimental production
- specifying temperatures, mixtures and other factors in the extraction or production process and devising procedures to protect materials against deterioration or corrosion
- preparing cost estimates and budgets to evaluate economic feasibility of the production process

OCCUPATIONS

2217-11 Extractive Metallurgist
Primary Metallurgist (a)
Hydrometallurgical Engineer (s)
Pyrometallurgical Engineer (s)

2217-13 Physical Metallurgist Industrial Metallurgist (a) Secondary Metallurgist (a) Metallographer (s) Quality Control Metallurgist (s) Radiological Metallurgist (s)

2217-15 Materials Engineer
Metallurgical Engineer (a)
Ceramics Engineer (s)
Polymer Engineer (s)

2217-17 Materials Scientist Ceramics Scientist (s) Polymer Scientist (s)

2219 OTHER ENGINEERS

OTHER ENGINEERS design, develop, oversee and participate in manufacturing, maintaining, modifying and repairing marine vessels and floating structures, aircraft, agricultural machinery and equipment. They conduct research to solve practical engineering problems and to evaluate the safety and cost-effectiveness of engineering methods and equipment. They may supervise engineering associates and technicians.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree.

TASKS include:

- consulting users of aircraft, ships, agricultural and other machinery concerning design requirements
- preparing preliminary designs and directing preparation of detailed designs
- determining layout and overseeing construction of irrigation, drainage, flood and water control systems, farm buildings, crop processing plant and processing systems for animal products
- preparing and evaluating specifications, tenders, estimates and contracts
- overseeing construction, assembly and installation of equipment
- authorising modifications, repairs and maintenance
- assessing production sequences and methods; recommending changes in procedures, utilisation of equipment and labour, and safety precautions

OCCUPATIONS

2219-11 Aeronautical Engineer
Air Safety Engineer (s)

2219-13 Agricultural Engineer

2219-15 Naval Architect

2219-17 Industrial Engineer Methods Engineer (s) Safety Engineer (s)

2219-99 Engineers nec
Military Armament Engineer (s)
Military Instrument Engineer (s)
Product Design Engineer (s)

GROUP DEFINITIONS PROFESSIONALS

MINOR GROUP 23 HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS

HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS diagnose physical and mental illnesses and conditions and recommend, administer, dispense and develop medications and treatment to promote or restore good health.

Occupations in this minor group have a level of skill commensurate with a 3-5 year degree. Specialist Medical Practitioners require, in addition, a 1 year internship and 4-6 years specialist training and study. Radiographers require a 2-3 year diploma.

Tasks performed by Health Diagnosis and Treatment Practitioners typically include examining patients to establish the nature of their complaint and performing or ordering tests, X-rays and other diagnostic procedures; selecting and administering appropriate treatment and therapy and advising patients of further treatment and preventive or therapeutic measures; prescribing, administering, preparing and dispensing medication and prosthetic or corrective devices, administering anaesthetic and performing surgery; and conducting research to improve diagnosis and treatment.

This minor group includes Veterinarians because they perform similar functions to medical practitioners but deal with animals. Radiographers are included because they assist Medical Practitioners in diagnosis and in recommending treatment.

Occupations which are concerned with treatment only are excluded from this minor group as they do not require a minimum 3 year degree or diploma. These can be found in Unit Groups 3401, 6603 and 6605. Clinical and Counselling Psychologists are excluded from this minor group because they treat mental conditions by emphasising non-medical aspects and using techniques characteristic of the discipline of psychology. They are located in Unit Group 2903.

Occupations in this minor group are classified into the following unit groups:

- 2301 GENERAL MEDICAL PRACTITIONERS
- 2303 SPECIALIST MEDICAL PRACTITIONERS
- 2305 DENTAL PRACTITIONERS
- 2307 PHARMACISTS
- 2309 OCCUPATIONAL THERAPISTS
- 2311 OPTOMETRISTS
- 2313 PHYSIOTHERAPISTS
- 2315 SPEECH PATHOLOGISTS
- 2317 CHIROPRACTORS AND OSTEOPATHS
- 2319 PODIATRISTS
- 2321 RADIOGRAPHERS
- 2323 VETERINARIANS
- 2399 OTHER HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS

2301 GENERAL MEDICAL PRACTITIONERS

GENERAL MEDICAL PRACTITIONERS diagnose and treat physical and mental illnesses, disorders and injuries, recommend preventive action and refer patients to Specialist Medical Practitioners.

SKILL LEVEL

The entry requirement for this unit group is a 5-6 year degree plus 1 year internship. Registration is required by State or Territory authorities.

TASKS include:

- examining patients and ordering laboratory tests, X-rays and other diagnostic procedures
- · prescribing and administering drugs and other

remedial treatments

- inoculating patients against communicable diseases
- advising on diet, exercise and other habits which aid prevention or treatment of disease and disorders
- · delivering babies
- · providing pre-natal and post-natal care
- referring patients to, and exchanging medical information with, specialists
- reporting births, deaths and notifiable diseases to government authorities

OCCUPATIONS

2301-11 General Medical Practitioner

2303 SPECIALIST MEDICAL PRACTITIONERS

SPECIALIST MEDICAL PRACTITIONERS diagnose and treat diseases and disorders (including congenital malfunctions and developmental and mental disorders) occurring in a particular area or system of the body (including the brain), and/or in a particular age group or during one specific phase (ie. rehabilitation), using specialist testing, diagnostic, surgical or medical techniques.

SKILL LEVEL

The entry requirement for this unit group is a 5-6 year degree in medicine plus a 1 year internship and 4-6 years specialist training and study.

TASKS include:

- · receiving referrals from other medical practitioners
- diagnosing disorders by examining patients and using the results of laboratory and other tests
- taking blood and tissue samples, examining tissue, performing microscopic examination of bacterial cultures, using X-ray and other such imaging methods for diagnostic purposes
- prescribing and administering medication
- recommending admission to treatment and rehabilitation programmes
- operating on patients using specialised surgical procedures
- · treating tumours by exposure to radiation
- administering anaesthetic and monitoring patients throughout surgical procedures and post-operative periods
- maintaining close liaison with other personnel caring for the patient
- instructing patients in remedial exercises and advising on preventive health practices

OCCUPATIONS

2303-11 Anaesthetist

2303-13 Cardiologist

2303-15 Obstetrician and Gynaecologist

2303-17 Ophthalmologist

2303-19 Orthopaedic Specialist Orthopaedic Surgeon (a)

2303-21 Psychiatrist

2303-23 Radiologist
Diagnostic Radiologist (s)
Nuclear Medicine Specialist (s)
Radiation Oncologist (s)
Therapeutic Radiologist (s)

2303-25 Paediatrician

2303-27 Thoracic Specialist
Cardiovascular Specialist (a)

2303-29 Dermatologist

2303-31 Otorhinolaryngologist Ear, Nose and Throat Specialist (a)

2303-33 Urologist

2303-35 Surgeon
Cardiothoracic Surgeon (s)
Neurosurgeon (s)
Ophthalmic Surgeon (s)

Otorhinolaryngological Surgeon (s)
Paediatric Surgeon (s)
Plastic and Reconstructive Surgeon (s)
Surgical Oncologist (s)

2303-37 Pathologist
Blood Transfusionist (s)
Clinical Biochemist (s)
Clinical Microbiologist (s)
Haematologist (s)
Histopathologist (s)
Immunologist (s)

2303-39 Specialist in Rehabilitation Medicine
Orthopaedic Rehabilitation Specialist (s)
Prosthetics and Orthotics Rehabilitation
Specialist (s)
Spinal Injuries Rehabilitation Specialist (s)
Vocational Rehabilitation Specialist (s)

2303-41 Specialist Physician Infectious Diseases Specialist (s)

2303-99 Specialist Medical Practitioners nec
Clinical Allergist (s)
Clinical Endocrinologist (s)
Clinical Pharmacologist (s)
Gastroenterologist (s)
Geriatrician (s)
Industrial Medicine Specialist (s)
Medical Oncologist (s)
Nephrologist (s)
Neurologist (s)
Occupational Medicine Specialist (s)
Renal Specialist (s)
Rheumatologist (s)

2305 DENTAL PRACTITIONERS

DENTAL PRACTITIONERS diagnose diseases, injuries, irregularities and malformations of teeth, gums, mouth tissue, jaw and other dento-facial structures, prescribe and administer restorative and preventive procedures, including surgery and other specialist techniques.

SKILL LEVEL

The entry requirement for this unit group is a 5 year degree. 2 years as a Dentist is a pre-requisite to specialisation and a minimum of 4 years on-the-job training in a particular specialisation is usual. Registration is required by State or Territory authorities.

TASKS include:

- examining teeth, gums, tissues and dento-facial structures, using dental and X-ray equipment in order to diagnose dental problems
- · administering local and general anaesthetics
- filling cavities
- · extracting decayed or deformed teeth
- constructing inlays and artificial crowns to replace portions of teeth
- designing, constructing and fitting complete and partial dentures, orthodontic and other appliances and performing bridge work
- performing specialist examinations and tests and undertaking or arranging appropriate treatment in a specialist area

OCCUPATIONS

2305-11 Dentist

2305-13 Dental Specialist
Endodontist (s)
Oral Pathologist (s)
Oral Surgeon (s)
Orthodontist (s)
Paedodontist (s)
Periodontist (s)
Prosthodontist (s)

2307 PHARMACISTS

PHARMACISTS compound and dispense pharmaceuticals and other drugs and medicines in hospitals and pharmacies, and conduct research on production, storage, quality control and distribution of drugs and related supplies.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree plus a 1 year traineeship. Registration is required by State or Territory authorities.

TASKS include:

- preparing or directing preparation and labelling of liquid medicines, ointments, powders, tablets and other medications to fill prescriptions
- receiving prescriptions and checking for correct dosage and drug compatability before dispensing
- · advising on drug incompatibility and contradictions
- maintaining prescription files and recording issue of narcotics, poisons and habit forming drugs
- conferring with chemists, engineers and other professionals about manufacturing techniques and ingredients
- testing and analysing drugs to determine identity, purity and strength
- developing legally recognised standards and advising on government controls and regulations
- selling non-prescription drugs, sick-room supplies, toiletries, cosmetics and other commercial products

OCCUPATIONS

2307-11 Hospital Pharmacist

2307-13 Industrial Pharmacist

2307-15 Retail Pharmacist Community Pharmacist (a)

2309 OCCUPATIONAL THERAPISTS

OCCUPATIONAL THERAPISTS assess the degree to which abilities are impaired by the aging process, developmental, neurological or physical injury or illness, psychological or social disability, and provide therapeutic programmes.

SKILL LEVEL

The entry requirement for this unit group is a 3 1/2 year degree. Registration is required by State or Territory authorities.

TASKS include:

- evaluating patients' emotional, psychological, developmental and physical capabilities
- conducting treatment programmes on an individual or group basis, directing recreational, remedial, social and educational activities
- training handicapped persons in self-care and normal living activities
- training patients with perceptual motor problems
- training children with learning or developmental disabilities
- monitoring and recording patients' activities, responses and progress

OCCUPATIONS

2309-11 Occupational Therapist

2311 OPTOMETRISTS

OPTOMETRISTS diagnose and treat eye disorders or defects not requiring medication or surgery.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree. Registration is required by State or Territory authorities.

TASKS include:

- examining eyes, administering visual tests and assessing the nature and extent of vision problems and abnormalities
- prescribing and dispensing spectacle lenses, contact lenses and low vision aids
- checking lenses and aids made by optical mechanics for suitability and comfort
- advising patients on eye exercises, lighting and visual habits
- referring patients whose eyes show evidence of disease to other practitioners

OCCUPATIONS

2311-11 Optometrist

RELATED OCCUPATIONS

2303-17 Opthalmologist 2399-15 Orthoptist

2313 PHYSIOTHERAPISTS

PHYSIOTHERAPISTS prevent and treat disorders of movement caused by injury or disease.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree. Registration is required by State or Territory authorities.

TASKS include:

- testing muscles, nerves, joints and functional ability, and identifying and assessing patients' physical problems
- selecting appropriate form of therapy and treating

patients to reduce pain, improve circulation, strengthen muscles, restore joint mobility, improve cardiothoracic, cardiovascular and respiratory functions, balance and co-ordination

- training or retraining patients to perform normal living activities
- instructing patients and their families in procedures to be continued at home
- monitoring and recording patients' responses and progress

OCCUPATIONS

2313-11 Physiotherapist

RELATED OCCUPATIONS

2309-11 Occupational Therapist 2317-11 Chiropractor

2315 SPEECH PATHOLOGISTS

SPEECH PATHOLOGISTS diagnose and treat speech disorders.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree. Registration is required by State or Territory authorities.

TASKS include:

- administering tests and observing patients to determine nature and extent of disorders
- planning and conducting programmes of remedial exercises to correct stuttering, abnormal articulation and other disorders
- administering individual or group therapy for rehabilitation of patients with communication problems (caused by defective hearing, cerebral palsy, surgery or injury)
- treating and advising on children slow in learning to speak
- counselling and guiding language-handicapped individuals and families, their teachers and employers

OCCUPATIONS

2315-11 Speech Pathologist Speech Therapist (a)

2317 CHIROPRACTORS AND OSTEOPATHS

CHIROPRACTORS AND OSTEOPATHS diagnose, treat and advise on prevention of physiological and mechanical disorders of the locomotor system.

SKILL LEVEL

The entry requirement for this unit group is a 4-5 year degree. Registration is required by State or Territory authorities

TASKS include:

- examining patient, ordering or performing X-rays and pathological tests
- · diagnosing disorder from discussion, observation

and test results

- manipulating peripheral joints and soft tissues of the spinal column or other parts of the body framework to restore mechanical function
- · advising on diet, nutrition and lifestyle
- prescribing exercises for rehabilitation and/or prevention

OCCUPATIONS

2317-11 Chiropractor

2317-13 Osteopath

RELATED OCCUPATIONS

2313-11 Physiotherapist 6699-17 Masseur/Masseuse

2319 PODIATRISTS

PODIATRISTS diagnose and treat ailments and abnormal conditions of the foot and perform minor surgery.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma. Registration is required by State or Territory authorities.

TASKS include:

- examining feet to determine nature and extent of conditions, deformities or injuries
- treating paralysis, ulceration and malfunction of the feet caused by diseases such as diabetes, rheumatoid arthritis and peripheral vascular disorders
- performing minor surgery to remove or ameliorate abnormal conditions
- prescribing and fitting replaceable pads, shields, supports and other corrective and protective foot devices
- prescribing and arranging fabrication of corrective footwear
- referring patients to medical practitioners where necessary

OCCUPATIONS

2319-11 Podiatrist Chiropodist (a)

2321 RADIOGRAPHERS

RADIOGRAPHERS operate radiation producing and monitoring equipment for diagnostic, monitoring or treatment purposes, under the direction of a radiologist or other medical practitioner.

SKILL LEVEL

The entry requirement for this unit group is a 2-3 year diploma or associate diploma. 1-2 years on-the-job training is usual. Registration is required by State or Territory authorities.

TASKS include:

• following instructions from medical practitioner

GROUP DEFINITIONS PROFESSIONALS

prescribing tests or treatment

- calculating length and intensity of exposure to radiation and size and strength of dosage of isotopes
- positioning patients, screens and equipment preparatory to procedure
- operating X-ray machines, radiation scanners and fluoroscopes
- compiling electronic or photographic records of tests for diagnostic purposes
- preparing radioactive materials for use in radiation scanning or radiation treatments

OCCUPATIONS

- 2321-11 Medical Diagnostic Radiographer
- 2321-13 Medical Therapeutic Radiographer
- 2321-15 Nuclear Medicine Technologist

2323 VETERINARIANS

VETERINARIANS diagnose and treat animal diseases, ailments and injuries, and advise on and implement preventive measures.

SKILL LEVEL

The entry requirement for this unit group is a 5 year degree. Registration is required by State or Territory authorities.

TASKS include:

- examining animals to determine the nature of the condition
- performing laboratory tests and X-ray examinations
- performing surgery on animals and performing obstetric services
- administering or prescribing drugs, sedatives, analgesics, general or local anaesthetics

- · performing autopsies on animals
- · inoculating animals against infectious diseases
- advising clients on hygiene, feeding, care and breeding of animals

OCCUPATIONS

2323-11 Veterinarian
Veterinary Surgeon (a)

RELATED OCCUPATIONS

8999-23 Veterinary Nurse

2399 OTHER HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS

This unit group covers occupations not elsewhere classified in Minor Group 23, Health Diagnosis and Treatment Practitioners.

SKILL LEVEL

The usual entry requirement for occupations in this unit group is a 3 year degree or diploma.

OCCUPATIONS

2399-11 Audiologist

2399-13 Dietitian

Nutritionist (a)

2399-15 Orthoptist

2399-99 Health Diagnosis and Treatment

Practitioners nec Acupuncturist (s)

Chinese Medicine Specialist (s) Herbalist (s)

Homeopath (s)

Naturopath (s)

Orthotist (s)

Prosthetist (s)

MINOR GROUP 24 SCHOOL TEACHERS

SCHOOL TEACHERS educate children in primary, pre-primary, secondary or special schools. They promote physical, mental, social and emotional development and prepare young people for adult life.

Occupations in this minor group have a level of skill commensurate with a 3-4 year degree or diploma.

Tasks performed by School Teachers typically include assessing the abilities and level of achievement of pupils through direct observation and administering tests; selecting, preparing and presenting courses, teaching materials and lessons suited to the abilities of the pupils; correcting and assessing pupils' work; attending to the social, emotional and physical well-being of pupils and maintaining acceptable standards of behaviour; and discussing individual progress and problems with other professionals, parents and pupils.

School Principals are excluded from this minor group because their tasks are primarily managerial and are broader in scope than supervising School Teachers. They can be found in Unit Group 1317, Education Managers.

Occupations in this minor group are classified into the following unit groups:

2401 PRE-PRIMARY SCHOOL TEACHERS

2403 PRIMARY SCHOOL TEACHERS

2405 SECONDARY SCHOOL TEACHERS

2407 SPECIAL EDUCATION TEACHERS

2401 PRE-PRIMARY SCHOOL TEACHERS

PRE-PRIMARY SCHOOL TEACHERS introduce children to the rudiments of music, art, literature and numeracy in a pre-primary centre, and promote their physical, mental and social development.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma in teaching or education with special emphasis on early childhood education. Some States/Territories require registration with the appropriate authority.

TASKS include:

- planning activities using a variety of materials and equipment designed to facilitate the children's development of gross and fine motor skills, and co-operative social skills
- promoting language development through story telling, role play, songs, rhymes and informal discussions
- observing children to evaluate progress and to detect signs of ill health, emotional disturbance or other disabilities
- providing for nutritional health, welfare and safety needs of children
- discussing child's progress and any problems with parents
- · participating in parent/staff committees

OCCUPATIONS

2401-11 Pre-Primary School Teacher Early Childhood Teacher (a) Kindergarten Teacher (a) Pre-School Teacher (a) Kindergarten Director (s) Pre-School Director (s)

RELATED OCCUPATIONS

2403 Primary School Teachers

2403 PRIMARY SCHOOL TEACHERS

PRIMARY SCHOOL TEACHERS teach a range of subjects within a prescribed curriculum, to pupils at primary and junior primary level.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma in education or a 3 year degree plus a post-graduate diploma in education. Some States/Territories require registration with the appropriate authority.

TASKS include:

- developing and preparing course curricula and teaching outlines for courses of study
- teaching subjects such as reading, writing, mathematics, science
- preparing, administering and marking tests, projects and assignments to evaluate pupils' progress and taking remedial steps where necessary
- discussing social, behavioural and learning problems with parents and/or school counsellors
- supervising pupils in classrooms and other areas of the school

OCCUPATIONS

2403-01 Senior Teacher, Infant-Primary School

GROUP DEFINITIONS PROFESSIONALS

2403-11 Primary School Teacher Infant School Teacher (s) Junior Primary School Teacher (s) Primary Teacher-Librarian (s)

RELATED OCCUPATIONS

2401 Pre-Primary School Teachers

2405 SECONDARY SCHOOL TEACHERS

SECONDARY SCHOOL TEACHERS teach one or more subjects within a prescribed curriculum, to pupils at secondary level.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma in education or a 3 year degree plus a post-graduate diploma in education. Some States/Territories require registration with the appropriate authority.

TASKS include:

- developing and preparing course curricula and teaching outlines for courses of study
- teaching one or more subjects within the school curriculum through presentation of lesson material, discussions, workshop and laboratory sessions, and the use of audio-visual aids
- preparing, administering and marking tests, projects and assignments to evaluate pupils' progress, and recording the results
- maintaining discipline in classrooms and other school areas
- discussing individual progress and problems with pupils, parents and/or school counsellors and senior teachers
- participating in staff meetings, educational conferences, workshops and parent/teacher meetings

OCCUPATIONS

2405-01 Senior Teacher, Secondary School

2405-11 Secondary School Teacher Secondary School Teacher-Librarian (s)

2407 SPECIAL EDUCATION TEACHERS

SPECIAL EDUCATION TEACHERS teach primary or secondary pupils with particular learning difficulties, intellectual, physical, social or emotional handicaps, exceptional intellectual gifts, or specific problems of language, and/or culture in special schools or classes.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma in education or a 3 year degree plus a post-graduate diploma in education. Some States/Authorities require registration with the appropriate authority.

TASKS include:

- evaluating pupils' abilities and limitations and planning a special programme of study accordingly
- administering various forms of assessment and interpreting the results
- teaching basic academic subjects, and practical and self-help skills
- devising instructional materials, methods and aids to assist in the training or rehabilitation process
- advising, instructing and counselling parents and/or teachers on availability and use of special techniques
- stimulating and developing interests, abilities, manual skills and co-ordination

OCCUPATIONS

- 2407-11 Resource Teacher
 Remedial Teacher (a)
 Educational Support Teacher (s)
 Integration Teacher (s)
- 2407-13 Teacher of Disabled or Gifted Students
 Teacher of the Hearing Impaired (s)
 Teacher of the Intellectually Disabled (s)
 Teacher of the Visually Impaired (s)
- 2407-99 Special Education Teachers nec Aboriginal Education Teacher (s) Teacher of English as a Second Language (s) Teacher of Multi-cultural Studies (s)

MINOR GROUP 25 OTHER TEACHERS AND INSTRUCTORS

OTHER TEACHERS AND INSTRUCTORS educate students in tertiary and further educational institutions, or privately. They are specialists in the field of knowledge which they teach.

Occupations in this minor group have a level of skill commensurate with a 3-4 year degree or diploma.

Tasks performed by Other Teachers and Instructors typically include preparing and presenting theoretical and practical subject matter in lectures, tutorials, lessons and workshop sessions; monitoring and assessing the progress of individual students; advising students on courses, progress and academic matters; and participating in meetings and conferences.

Education Managers are excluded from this minor group as their tasks are primarily managerial and are broader in scope than supervising teachers. They can be found in Minor Group 13, Specialist Managers.

Occupations in this minor group are classified into the following unit groups:

2501 UNIVERSITY AND CAE TEACHERS

2503 TAFE TEACHERS

2505 EXTRA-SYSTEMIC TEACHERS AND INSTRUCTORS

2501 UNIVERSITY AND CAE TEACHERS

UNIVERSITY AND CAE (COLLEGE OF ADVANCED EDUCATION) TEACHERS prepare and deliver lectures and teach tertiary students in one or more subjects within a prescribed course of study, and conduct tutorials and research in a particular field of study.

SKILL LEVEL

The entry requirement for this unit group is a 4-6 year degree plus post-graduate study.

TASKS include:

- preparing and delivering lectures, conducting tutorials, seminars, and laboratory sessions
- preparing and marking essays, assignments and examinations
- · advising students on academic and related matters
- participating in course development and in meetings on departmental, budgetary, curriculum and policy matters
- attending conferences and seminars, and conducting research into a particular field of knowledge

OCCUPATIONS

2501-11 University or CAE Lecturer Professor (s) Reader (s)

2501-13 University or CAE Tutor
University or CAE Demonstrator (s)
University or CAE Teaching Fellow (s)

2503 TAFE TEACHERS

TAFE (TECHNICAL AND FURTHER EDUCATION) TEACHERS teach trade and post-trade, technical,

para-professional, commercial, basic vocational, preparatory and adult education courses.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree, diploma or trade certificate plus a 1-2 year teaching diploma. TAFE Teachers (Trades) also require 5 years experience as a Tradesperson. Some States/Territories require maintenance of trade registration.

TASKS include:

- assisting with the administration of TAFE teaching and co-ordination of a teaching timetable
- presenting lesson material, discussions, workshops and laboratory sessions
- preparing, administering and marking projects, assignments and examinations to assess students
- participating in staff meetings, educational and trade related conferences and course development
- advising students on courses and related matters

OCCUPATIONS

2503-01 Head of School (TAFE)
Head of Department (TAFE) (s)
Head Teacher (TAFE) (s)

2503-11 TAFE Teacher (Trades)

2503-13 TAFE Teacher (General Education)

2505 EXTRA-SYSTEMIC TEACHERS AND INSTRUCTORS

EXTRA-SYSTEMIC TEACHERS AND INSTRUCTORS instruct and train students in subjects such as art, music, dance and drama, in establishments external to the education system.

GROUP DEFINITIONS PROFESSIONALS

2505-15

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma in the relevant subject area. Driving and Flying Instructors and Nurse Educators are required to be licensed and/or registered.

TASKS include:

- planning programme of study for individual students or groups
- preparing and presenting material on theory of subject area
- · instructing and demonstrating practical aspects of subject area
- assessing students and offering advice, criticism and encouragement

OCCUPATIONS

2505-11 Art Teacher (Private)

2505-13 Music Teacher (Private) Singing Teacher (Private) (s)

Dance Teacher (Private)
Ballet Teacher (s) 2505-17 Drama Teacher (Private) Elocution Teacher (s) 2505-19 **Driving Instructor** 2505-21 Flying Instructor Gliding Instructor (s) 2505-23 **Ground School Instructor**

2505-25 **Nurse Educator** Clinical Nurse Teacher (s)

2505-99 Extra-Systemic Teachers and Instructors nec Aerobics Instructor (s)
Dressmaking Teacher (Private) (s)
Fitness Instructor (s)
Handicrafts Teacher (Private) (s) Physical Fitness Instructor (s) Sports Instructor (s)

MINOR GROUP 26 SOCIAL PROFESSIONALS

SOCIAL PROFESSIONALS provide guidance to clients or members of their congregation in social, educational, vocational, legal and spiritual matters, to enable them to find and use resources to overcome difficulties and achieve particular goals.

Occupations in this minor group have a level of skill commensurate with a 3-4 year degree or diploma.

Tasks performed by Social Professionals typically include discussing, analysing and assessing legal, social or spiritual needs of individuals, groups or committees; advising individuals or groups of their rights and obligations and on possible courses of action; representing or supporting individuals or groups undergoing difficulties; performing ceremonies and preparing documents in connection with social, spiritual and legal matters or important personal events; maintaining records and writing reports.

Occupations in this minor group are classified into the following unit groups:

2601 SOCIAL WORKERS

2603 COUNSELLORS

2605 LAWYERS

2607 MINISTERS OF RELIGION

2601 SOCIAL WORKERS

SOCIAL WORKERS plan, assess, administer and implement programmes in accordance with social policy and individual needs. They may supervise or train students and staff.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or graduate diploma in Community, Welfare or Social Work.

TASKS include:

- assessing individual, family or community need for social welfare programs
- advising individuals or groups in need or referring them to the appropriate community service or self-help agency
- evaluating, improving and developing welfare services
- · compiling case records or reports
- · providing follow-up services for clients

OCCUPATIONS

2601-11 Social Planner and Administrator

2601-13 Community Social Worker

2601-15 Social Case Worker

2603 COUNSELLORS

COUNSELLORS assess clients' needs and provide information and advice on educational, vocational, legal or social matters.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree in the Social Sciences or post-graduate diploma in Counselling.

TASKS include:

- · collecting data relevant to clients' needs
- conducting counselling or therapeutic interviews
- analysing situations and presenting alternative approaches
- informing judges or legal practitioners of aspects of clients' cases relevant to Family Court proceedings
- liaising with voluntary, State, Federal and other welfare organisations

OCCUPATIONS

2603-11 Rehabilitation Counsellor Drug and Alcohol Counsellor (s)

2603-13 Marriage Counsellor
Family Counsellor (a)
Relationship Counsellor (a)
Family Therapist (s)

2603-15 Family Court Counsellor

2603-17 Careers Counsellor and Adviser Vocational Counsellor (a)

2603-99 Counsellors nec Educational Counsellor (s) Housing Counsellor (s) Student Counsellor (s)

2605 LAWYERS

LAWYERS advise clients on legal matters, draw up documents, draft legislation, and negotiate, prepare

GROUP DEFINITIONS PROFESSIONALS

and conduct court cases on behalf of individuals, corporations or Government.

SKILL LEVEL

The entry requirement for this unit group is a 4-5 year degree or post-graduate degree. 1 year on-the-job training is usual.

TASKS include:

- preparing cases by investigating circumstances, researching relevant statutes and previous court decisions
- · briefing other legal professionals
- · representing clients in court
- advising on legal, constitutional or parliamentary matters
- drawing up wills, documents relating to court matters, sale and purchase of land, leases and mortgages
- liaising with other law firms and relevant organisations
- researching and preparing reports/proposals on law reform and administration

OCCUPATIONS

2605-11 Barrister Queen's Counsel (s)

2605-13 Solicitor

2605-91 Articled Clerk

2605-99 Lawyers nec Corporate Legal Officer (s) Judge's Associate (s) Parliamentary Counsel (s)

2607 MINISTERS OF RELIGION

MINISTERS OF RELIGION conduct services and provide spiritual guidance and motivation for a congregation, parish or community.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma or associate diploma in religious belief and practice.

TASKS include:

- preparing and conducting services of public worship and administering sacraments in accordance with the accepted ceremonial requirements of the respective denomination
- participating in the social and welfare activities of a community and encouraging social responsibility
- . instructing in religious principles and practice
- advising individuals or groups in need or referring them to the appropriate welfare or self-help agency
- performing marriage, funeral and special memorial services
- maintaining records as required by civil or church law

OCCUPATIONS

2607-11 Minister of Religion
Aboriginal Ceremonial Celebrant (s)
Chaplain (s)
Clergyman/woman (s)
Deacon/Deaconess (s)
Priest (s)
Rabbi (s)
Religious Brother (s)
Religious Sister (s)
Salvation Army Officer (s)
Student Minister (s)

MINOR GROUP 27 BUSINESS PROFESSIONALS

BUSINESS PROFESSIONALS develop, implement and administer systems and programmes to provide accounting, publicity, staffing, staff development and training, and computing services, and conduct research to develop new techniques and applications in these areas.

Occupations in this minor group have a level of skill commensurate with a 3 year degree or diploma.

Tasks performed by Business Professionals typically include collecting, organising, analysing, presenting and interpreting financial, staff, computing and other business information; co-ordinating and undertaking research, and analysing results; developing methods to improve and promote business operations and effectiveness; preparing reports, manuals, statements and publicity material; designing or advising on computing systems; and writing computer software.

Occupations in this minor group are classified into the following unit groups:

2701 ACCOUNTANTS

2703 PUBLIC RELATIONS OFFICERS

2705 PERSONNEL SPECIALISTS

2707 COMPUTING PROFESSIONALS

2799 OTHER BUSINESS PROFESSIONALS

2701 ACCOUNTANTS

ACCOUNTANTS plan and provide accounting and auditing systems and services, and advise individuals and enterprises on accounting matters. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a degree, diploma or business certificate. Special registration may be required under various State legislation for practice as a company auditor, liquidator, tax agent or to audit under certain acts.

TASKS include:

- collecting, analysing and interpreting information on financial standing, cost structures and trading effectiveness of organisations
- devising, reorganising or establishing budgetary cost control and other accounting systems, including computer based systems
- · conducting audits and investigations
- preparing financial statements and reports for management, shareholders, statutory or other bodies

OCCUPATIONS

2701-11 Accountant Auditor (s) Bursar (s) Liquidator (s) Tax Agent (s)

2701-91 Trainee Accountant (a)

2703 PUBLIC RELATIONS OFFICERS

PUBLIC RELATIONS OFFICERS plan, organise and conduct programmes of information dissemination to promote a favourable view of an organisation, product or services among the public.

SKILL LEVEL

The entry requirement for this unit group is a degree or diploma.

TASKS include:

- commissioning research into public opinion, analysing findings and planning publicity campaigns accordingly
- co-ordinating the work of other researchers and publicity writers, appraising and revising their work
- · preparing news releases
- commissioning or obtaining photographs or other illustrative material
- organising exhibitions, seminars, entertainment, competitions and social functions to promote good-will and give favourable publicity
- arranging interviews and other dealings with publicity media on employers behalf and representing employer at business, social and other functions

OCCUPATIONS

2703-11 Public Relations Officer
Information Officer (Public Relations) (a)
Publicity Officer (a)
Advertising Account Executive (s)
Marketing Officer (s)
Media Officer (s)
Press Officer (s)
Promotions Officer (s)

GROUP DEFINITIONS PROFESSIONALS

2705 PERSONNEL SPECIALISTS

PERSONNEL SPECIALISTS plan, develop, implement and evaluate staff development, training and recruitment programmes and organise staffing in commercial, industrial, government or other organisations.

SKILL LEVEL

The entry requirement for this unit group is a degree or diploma in social science, personnel or management studies.

TASKS include:

- · assessing staffing needs
- devising general and specialised staff training programmes and performance appraisal procedures/programmes
- compiling training manuals, visual aids and materials
- advising management on development, placement and promotion of staff and on personnel procedures
- counselling staff on vocational matters, grievances and difficulties
- assisting in planning recreational services and safety programmes and in implementing equal opportunity, anti-discrimination and other such programmes

OCCUPATIONS

2705-11 Personnel Officer
Employment Officer (s)
Equal Employment Officer (s)
Recruitment Officer (s)

2705-13 Training Officer

2705-15 Staff Development Officer

RELATED OCCUPATIONS

1309-11 Personnel and Industrial Relations Manager 2603-17 Careers Counsellor and Adviser 3901-15 Welfare Officer 5905 Personnel Clerks

2707 COMPUTING PROFESSIONALS

COMPUTING PROFESSIONALS design and prepare software to meet specific requirements in all aspects of the computing environment, control and audit the operation of computing facilities within an organisation, and research theoretical aspects of computing.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma in computer science. However, EDP Auditors may enter with a 3-4 year degree in accounting, and Computer Systems Analysts with a 3-4 year degree in electronic engineering. Database Administrators require an additional 5 years experience in an area related to database management.

TASKS include:

- writing, testing and maintaining operations or end-use software
- analysingsystems to determine whether all specific requirements within an organisation are met
- developing and improving data processing procedures
- designing and modifying operating environment software to link with other software or with hardware
- maintaining data dictionary and data management system of database to ensure integrity and security of data
- conducting research into computers and computer based systems
- developing techniques for the application of computing theory
- analysing computer operations and usage to assess completeness, accuracy, validity and efficiency of system

OCCUPATIONS

- 2707-11 Applications Programmer
- 2707-13 Systems Programmer
 Software Programmer (a)
 Communications Programmer (s)
 Database Programmer (s)
- 2707-15 Analyst Programmer
- 2707-17 Computer Systems Analyst
 Computer Analyst (a)
 EDP Analyst (a)
 Communications Analyst (s)
 Database Analyst (s)
 Telecommunications Analyst (s)
- 2707-19 Software Engineer
 Computer Systems Engineer (Software) (a)
 Computer Systems Designer (Software) (s)
- 2707-21 Database Administrator
- 2707-23 Computer Scientist
- 2707-25 EDP Auditor Computer Auditor (a) EDP Security Analyst (s)

RELATED OCCUPATIONS

2211-13 Electronics Engineer
2799-15 Organisation and Methods Analyst
3201-15 Electronics Engineering Associate
3201-17 Electronics Engineering Technician

2799 OTHER BUSINESS PROFESSIONALS

This unit group covers occupations not elsewhere classified in Minor Group 27, Business Professionals.

SKILL LEVEL

The entry requirement for this unit group is a degree or diploma in the appropriate discipline.

OCCUPATIONS

2799-11 Medical Record Administrator Medical Record Librarian (a) Health Data Administrator (s) PROFESSIONALS GROUP DEFINITIONS

2799-13 Industrial Relations Officer Industrial Officer (a)
Trade Union Official (s)
Trade Union Organiser (s)

2799-15 Organisation and Methods Analyst Procedures Analyst (a) Work Study Officer (s)

2799-99 Business Professionals nec Management Consultant (s)

MINOR GROUP 28 ARTISTS AND RELATED PROFESSIONALS

ARTISTS AND RELATED PROFESSIONALS communicate ideas, facts and impressions by deliberately manipulating aesthetic variables in a wide range of media to achieve particular effects, evaluate and edit or amend the result, interpret the physical representation of a composition such as a musical score or a script in order to perform it or direct its performance, and host the presentation of such performances and other events.

Occupations in this minor group have a level of skill commensurate with a 3 year degree or diploma.

Tasks performed by Artists and Related Professionals typically include collecting and analysing information and conceiving and developing ideas; selecting media materials and methods for the presentation of ideas; writing, reviewing and editing journalistic copy, literary work, musical compositions or film, television and radio scripts; presenting information and producing, directing, performing and recording various kinds of entertainment; editing sound and/or visual recordings of performances; expressing ideas visually by painting, drawing, sculpting, photography or lighting.

Craftworkers are excluded from this minor group because of their emphasis on the function of their product and the technical aspects of its production. They can be found in Unit Group 4925, Craftworkers.

Occupations in this minor group are classified into the following unit groups:

- 2801 PAINTERS, SCULPTORS AND RELATED PROFESSIONALS
- 2803 PHOTOGRAPHERS
- 2805 DESIGNERS AND ILLUSTRATORS
- 2807 JOURNALISTS
- 2809 AUTHORS AND RELATED PROFESSIONALS
- 2811 FILM, TELEVISION AND STAGE DIRECTORS
- 2813 DANCERS AND CHOREOGRAPHERS
- 2815 MUSICIANS, COMPOSERS AND RELATED PROFESSIONALS
- 2817 ACTORS AND RELATED PROFESSIONALS
- 2819 ANNOUNCERS

2801 PAINTERS, SCULPTORS AND RELATED PROFESSIONALS

PAINTERS, SCULPTORS AND RELATED PROFESSIONALS create visual forms using painting, drawing, printing, electronic or other media, and three dimensional forms by carving, modelling or constructing in order to communicate an impression or idea.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma.

TASKS include

- conceiving and developing ideas for artistic presentation, and selecting and arranging subject
- selecting artistic medium, method and materials, and preparing materials
- painting and drawing or sculpting stone, wood, clay, wax or other material into desired shape, using techniques to harmonise relationships of line, colour, design and mass into a unified artistic arrangement

OCCUPATIONS

2801-11 Painter (Artistic)
Artist (Painting) (a)
Cartoonist (s)

2801-13 Sculptor

2801-99 Painters, Sculptors and Related Professionals nec Environmental Artist (s) Etcher (Artistic) (s) Laser Artist (s) Printmaker (s) Scene Painter (Performing Arts) (s)

2803 PHOTOGRAPHERS

PHOTOGRAPHERS operate still cameras to take photographs of persons, places, merchandise and other subjects.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma or a 2 year basic vocational or para-professional certificate.

TASKS include:

- selecting type of camera, film, artificial lighting or flash
- setting up, or directing assistant to set up, equipment at assigned location
- · measuring light levels and determining exposure
- adjusting camera angle, aperture setting and subject to achieve desired composition
- rearranging lighting and filters to bring out highlights and colours

OCCUPATIONS

2803-11 Photographer

2805 DESIGNERS AND ILLUSTRATORS

DESIGNERS AND ILLUSTRATORS create designs for new types and styles of clothing and accessories, new commercial and industrial products, and building interiors, or do artwork and illustrations for presentation by a wide variety of media.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma. For fashion designers a 2-3 year para-professional certificate is required.

TASKS include:

- determining the objectives of the design by consulting with client, undertaking research, analysing functional requirements or studying layouts
- formulating design concept for garment or fashion accessory, copy layout, commercial or industrial product, building interior or illustration
- preparing illustrations or sketches to communicate design concept
- discussing design with management, sales and manufacturing staff, and clients
- supervising the production of sample garment or accessory, instructing other workers making models or patterns of products, or instructing finishing or layout artists assembling artwork for printing
- selecting or recommending decorative and functional materials for building interior

OCCUPATIONS

2805-11 Fashion Designer (s)

2805-13 Graphic Designer
Commercial Artist (a)
Animator (s)
Calligrapher (s)
Display Artist (s)
Exhibition Designer (s)
Package Designer (s)
Publication Designer (s)
Set Designer (s)

2805-15 Industrial Designer
Product Designer (a)
Furniture Designer (s)
Textile Designer (s)

2805-17 Interior Designer

2805-19 Illustrator

RELATED OCCUPATIONS

3999-17 Layout Artist 3999-21 Interior Decorator

2807 JOURNALISTS

JOURNALISTS write and edit news reports, commentaries and feature stories for presentation by print or electronic media or compose written material to advertise products or services. They may receive training in occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or cadetship, or a 1 year graduate cadetship. A 2 year associate diploma is required for Copy-writers.

TASKS include:

- collecting and analysing facts about newsworthy events from interviews, printed matter, investigations and observations
- determining advertising approach by consulting client and management, and studying product
- writing news reports, commentaries on topics of public interest, feature stories and newspaper headlines
- writing headline and text of advertisements
- reviewing copy for publication to ensure conformity with accepted rules of grammar, style and format, coherence of story, and accuracy and legality of content
- instructing printer on type to use for headlines and text and selecting photographs and drawings to illustrate copy

OCCUPATIONS

2807-01 Associate Editor Assistant Editor (a) News Editor (s)

2807-11 Sub-editor

2807-13 Reporter
News Correspondent (s)
Radio Journalist (s)
Roundsman/woman (News) (s)

2807-15 Copy-writer Continuity Writer (s)

2807-91 Cadet Journalist

2807-99 Journalists nec Columnist (s) Critic (s) Editorial Assistant (s) Editorial Writer (s) Freelance Journalist (s) Leader Writer (s)

2809 AUTHORS AND RELATED PROFESSIONALS

AUTHORS AND RELATED PROFESSIONALS write, edit and evaluate literary works for publication and scripts for stage, film, radio and television productions.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or 2 year associate diploma.

TASKS include:

- selecting essay, play, novel, poem or film, radio or television script
- · writing manuscript of literary composition or script
- reviewing and evaluating manuscripts of books submitted by authors or literary agents of scripts, stories and other material for radio, television, stage or motion picture production
- editing, or supervising editing of, material for coherence of style and grammar, and overseeing preparation of manuscript for publication

OCCUPATIONS

2809-11 Author
Librettist (s)
Novelist (s)
Playwright (s)
Poet (s)
Screenwriter (s)
Script Writer (s)

2809-13 Book Editor

2809-15 Script Editor

2811 FILM, TELEVISION AND STAGE DIRECTORS

FILM, TELEVISION AND STAGE DIRECTORS direct the overall production, or specific aspects of production, of motion pictures, radio or television programmes and stage shows.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or a 2 year associate diploma. On-the-job training of at least 6 months is usual.

TASKS include:

- studying script to determine artistic interpretation
- planning and arranging set designs, sound effects and lighting
- selecting costumes for motion picture, stage or television production
- selecting cast and allocating roles by viewing performances, conducting screen tests and auditions, and searching through talent files
- planning, directing and co-ordinating the filming of a motion picture or television programme, or the taping and broadcasting of a radio production
- editing film or video tape to produce desired effect and adding sound track music and other audio effects
- co-ordinating activities of studio or stage crew, performers and technicians during rehearsals and productions of programmes

OCCUPATIONS

2811-11 Art Director (Television, Film or Stage)

2811-13 Casting Director Casting Officer (a)

2811-15 Director (Film or Stage)

2811-17 Director of Photography Cinematographer (a)

2811-19 Film Editor

2811-21 Stage Manager Floor Manager (Television) (s)

2811-23 Director (Radio or Television)

2811-25 Technical Producer Technical Director (a)

2813 DANCERS AND CHOREOGRAPHERS

DANCERS AND CHOREOGRAPHERS create and perform dances and instruct dancers in the interpretation and performance of dances.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma or a 2 year associate diploma.

TASKS include:

- studying musical score, story or theme and consulting with production staff to determine interpretation
- creating dances to harmonise with music and subject, illustrate story, interpret emotion or complement musical show
- instructing dancers in performance of movements of dance
- performing classical, modern or acrobatic dances for audience
- practising regular dance exercises to maintain required physical condition of body and limbs and control of movements
- rehearsing dances under direction and instruction or developing own interpretation

OCCUPATIONS

2813-11 Choreographer

2813-13 Dancer
Ballet Dancer (s)
Striptease Artist (s)
Tap Dancer (s)

RELATED OCCUPATIONS

2505-15 Dance Teacher (Private)

2815 MUSICIANS, COMPOSERS AND RELATED PROFESSIONALS

MUSICIANS, COMPOSERS AND RELATED PROFESSIONALS write, arrange, orchestrate, perform and conduct musical compositions.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma. 2-5 years previous experience in a related music field is also usual for Music Directors.

TASKS include:

- · creating and writing musical compositions
- arranging musical compositions by selecting combinations of instruments and voices and by modifying harmonic structures, rhythms, tempos and music dynamics
- transcribing parts from musical score for each instrument or voice within a musical group or transposing music from one instrument or voice to another
- playing musical instruments in recital, as accompaniment, or as a member of an orchestra, band or other musical group
- singing classical, church or popular music as a soloist, or member of vocal ensemble, opera cast or musical group
- selecting music, assigning parts to individual musicians and singers, and directing musical performance

OCCUPATIONS

2815-11 Music Director

Band Leader (s)

Choral Director (s)

Orchestra Conductor (s)

2815-13 Concert and Opera Singer

2815-15 Popular Singer Vocalist (a)

2815-17 Instrumental Musician Instrumentalist (a) Accompanist (s)

2815-19 Composer Songwriter (s)

2815-99 Musicians, Composers and Related Professionals nec Chorister (s) Chorus Singer (s) Music Arranger (s) Music Copyist (s)

2817 ACTORS AND RELATED PROFESSIONALS

Orchestrator (s)

ACTORS AND RELATED PROFESSIONALS play roles in dramatic productions, and perform humorous routines and variety acts, on stage, film, radio, television or elsewhere to entertain audiences.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma or, for Actors only, a 2 year associate diploma.

TASKS include:

- studying play or production to gain understanding of part and characterisation
- · learning lines and cues and rehearsing part
- acting part in medium of presentation, interpreting role by speech and gesture
- telling jokes or humorous stories, singing humorous songs, performing comedy dances and acts to amuse audience
- performing a variety of acts, dances, songs, impersonations, mimes, ventriloquism, acrobatics, juggling or magical tricks to entertain audiences
- compering performances for the purpose of entertainment

OCCUPATIONS

2817-11 Actor

2817-13 Variety Artist
Circus Artist (s)
Clown (s)
Comedian (s)
Acrobat (s)
Hypnotist (s)
Impersonator (s)
Juggler (s)
Magician (s)
Ventriloguist (s)

2817-99 Actors and Related Professionals nec Mime (s) Puppeteer (s) Stuntman/woman (s)

2819 ANNOUNCERS

ANNOUNCERS broadcast news, sports and other information on radio, television or public address systems, and introduce and host special events.

SKILL LEVEL

The entry requirement for this unit group is a basic vocational course.

TASKS include:

- · announcing programmes and music
- introducing entertainment items, entertainers, speakers and celebrities
- reading prepared news bulletins and special announcements
- describing and commenting on sports, processions and other events
- presenting opinions on sports, politics, social or economic matters

OCCUPATIONS

2819-11 Announcer Commentator (a) Compere (s) Disc Jockey (s)

MINOR GROUP 29 MISCELLANEOUS PROFESSIONALS

This residual minor group covers all occupations in Major Group 2, Professionals, which are not included in Minor Groups 21–28 above.

Occupations in this minor group are classified into the following unit groups:

2901 ECONOMISTS

2903 PSYCHOLOGISTS

2905 EDUCATION RESEARCHERS AND RELATED PROFESSIONALS

2907 OTHER SOCIAL SCIENTISTS

2909 MATHEMATICIANS, STATISTICIANS AND ACTUARIES

2911 LIBRARIANS

2999 OTHER PROFESSIONALS

2901 ECONOMISTS

ECONOMISTS study and report on a wide range of theoretical or applied subjects relating to the economy at large or to particular industries.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or higher degree.

TASKS include:

- analysing interrelationships between economic variables
- selecting established economic techniques or developing new ones for analysis
- · preparing reports and studies
- identifying the need for policy responses

OCCUPATIONS

2901-11 Economist

Agricultural Economist (s)
Econometrician (s)
International Trade Economist (s)
Labour Economist (s)
Macro-economist (s)
Transport Economist (s)

- administering tests and assessing data to identify the source of problems and appropriate treatment
- conducting counselling or therapeutic interviews
- researching study motivation, teaching skills, occupational behaviour, working conditions and organisational structures
- providing follow-up services to groups and individuals for support and evaluation purposes
- evaluating the results of programmes on personal and organisational effectiveness with reference to statistical data

OCCUPATIONS

2903-11 Clinical Psychologist

Neuropsychologist (s)

2903-13 Educational Psychologist

Educational Guidance Officer (a)

School Psychologist (s)

2903-15 Occupational Psychologist

Industrial Psychologist (a) Organisational Psychologist (a) Military Psychologist (s) Sports Psychologist (s)

2903 PSYCHOLOGISTS

PSYCHOLOGISTS devise and use psychological principles and techniques to investigate and assess cognitive, behavioural or emotional disorders or difficulties and provide treatment or counselling to foster optimal personal, social, educational or occupational adjustment and development.

SKILL LEVEL

The entry requirement for this unit group is a 4-6 year degree or higher degree.

TASKS include:

constructing achievement, diagnostic and predictive tests

2905 EDUCATION RESEARCHERS AND RELATED PROFESSIONALS

EDUCATION RESEARCHERS AND RELATED PROFESSIONALS conduct educational research and develop course curricula and associated materials for educational institutions or, in a consultant or specialist capacity, advise school teachers and administrative officials on a particular area of education.

SKILL LEVEL

The entry requirement for this unit group is a 3-5 year degree or diploma or a post-graduate diploma.

- researching educational systems and evaluating new developments
- conferring with teachers and education officials to co-ordinate programmes

- identifying needs and planning, developing or modifying programmes within the education system
- · developing operational or training programmes
- · reviewing schools and assessing teachers
- · assisting and advising teachers
- · documenting subjects and courses developed
- · preparing reports and information papers

OCCUPATIONS

2905-11 Curriculum Development Officer Curriculum Advisory Teacher (s)

2905-13 Education Officer
Early Child Care Adviser (s)
Home-School Liaison Officer (s)
Pre-School Adviser (s)
School Inspector (s)
School Superintendent (s)

2907 OTHER SOCIAL SCIENTISTS

OTHER SOCIAL SCIENTISTS study human behaviour and institutions from current or historical perspectives with a view to understanding the development, structure, patterns and interrelationships within societies and/or preserving items of historical interest or advising on policy or planning matters in relation to particular social institutions or the physical environment.

SKILL LEVEL

The entry requirement for this unit group is a 4-6 year degree and/or higher degree.

TASKS include:

- compiling and analysing data on economic, legal, political, cultural, demographic, physical and environmental factors affecting land use
- observing, collecting and measuring data related to area of geographical specialisation
- compiling historical data through research into primary and secondary sources, consultation and interview
- drafting and presenting graphic and narrative plans, programmes and designs affecting land use, public utilities, community facilities, housing and transportation
- advising governments and organisations on urban and regional planning and resource planning
- organising, authenticating, evaluating and interpreting historical, political, sociological, anthropological and linguistic data
- · presenting findings in written form

OCCUPATIONS

2907-11 Urban and Regional Planner
Town Planner (s)
Traffic and Transport Planner (s)

2907-13 Geographer
Biogeographer (s)
Economic Geographer (s)
Physical Geographer (s)

2907-15 Historian Economic Historian (s)

2907-99 Social Scientists nec Anthropologist (s) Archaeologist (s)
Criminologist (s)
Linguist (s)
Market Research Analyst (s)
Political Scientist (s)
Prehistorian (s)
Sociologist (s)

2909 MATHEMATICIANS, STATISTICIANS AND ACTUARIES

MATHEMATICIANS, STATISTICIANS AND ACTUARIES apply mathematical and statistical principles and techniques to a range of tasks including designing statistical collections, studying financial policy and investment, conducting scientific research and solving engineering, management and other problems.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree.

TASKS include:

- assessing risks and analysing investments in a variety of financial areas
- advising management on corporate investment policy
- selecting, designing or developing methods of obtaining statistical data
- planning and organising surveys and designing questionnaires
- advising on data collection and determining reliability of findings
- analysing and interpreting data
- developing mathematical theory and models to simulate processes in the physical, biological and social sciences or to solve management problems
- developing and performing computations and applying methods of numerical analysis

OCCUPATIONS

2909-11 Mathematician
Operations Research Analyst (s)

2909-13 Statistician
Biometrician (s)
Demographer (s)
Mathematical Statistician (s)

2909-15 Actuary

2911 LIBRARIANS

LIBRARIANS develop, organise and maintain a collection of written and recorded material and provide an information service for users based on the collection itself and on library and information networks.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree plus graduate diploma or equivalent.

TASKS include:

 reviewing, evaluating and modifying services in response to community and user needs

- selecting and recommending for acquisition, books, periodicals, audio-visual and other recorded material
- · organising, classifying and cataloguing library material
- administering the inter-library loan systems and information networks

OCCUPATIONS

2911-11 Librarian Bibliographer (s) Cataloguer (s)

2999 OTHER PROFESSIONALS

This unit group covers occupations not elsewhere classified in Minor Group 29, Miscellaneous Professionals.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree.

OCCUPATIONS

2999-11 Conservator

2999-13 Archivist

2999-15 Research Workers nec

Recreation Officer Recreation Adviser (a) Activities Officer (s) 2999-17

2999-19 Interpreter

2999-21 Translator

2999-23 Intelligence Officer

2999-99 Professionals nec Clerk of High Court (s)

Court Registrar (s) Ergonomist (s) Executive Assistant (s)
Industrial Registrar (s)
Master of the Court (s)
Military Personnel Selection Assessor (s)
Occupational Hygienist (s)

Oenologist (s)
Patent Examiner (s) Prothonotary (s)

MAJOR GROUP 3 PARA-PROFESSIONALS

PARA-PROFESSIONALS perform complex technical tasks requiring the understanding of a body of theoretical knowledge and significant practical skills.

Occupations in this major group have a level of skill commensurate with a 2-3 year para-professional certificate or associate diploma. Most Para-professionals receive some on-the-job training in addition to formal education.

Tasks performed by Para-professionals typically include conducting laboratory tests; operating and maintaining complex equipment; operating and supporting the operation of aircraft and ships; providing skilled nursing care; enforcing the law; and inspecting establishments and sites to ensure conformity to government and industry standards. These tasks are often performed in support of Professionals.

Occupations in this major group are classified into the following minor groups:

- 31 MEDICAL AND SCIENCE TECHNICAL OFFICERS AND TECHNICIANS
- 32 ENGINEERING AND BUILDING ASSOCIATES AND TECHNICIANS
- 33 AIR AND SEA TRANSPORT TECHNICAL WORKERS
- 34 REGISTERED NURSES
- 35 POLICE
- 39 MISCELLANEOUS PARA-PROFESSIONALS

MINOR GROUP 31 MEDICAL AND SCIENCE TECHNICAL OFFICERS AND TECHNICIANS

MEDICAL AND SCIENCE TECHNICAL OFFICERS AND TECHNICIANS perform laboratory tests and other technical support functions to assist professionals engaged in the diagnosis and treatment of disease, and in research, design and production in all areas of the natural sciences.

Occupations in this minor group have a level of skill commensurate with a 2 year associate diploma. Most Medical and Science Technical Officers and Technicians receive on-the-job training in addition to their formal education.

Tasks performed by Medical and Science Technical Officers and Technicians typically include performing diagnostic and scientific tests, experiments and computations and collating and analysing the results; developing, operating and maintaining instruments and equipment used in clinical diagnosis and experimental research; collecting and testing samples of bodily fluids; and preparing, examining, identifying and classifying microscopic samples.

Occupations in this minor group are classified into the following unit groups:

3101 MEDICAL TECHNICAL OFFICERS AND TECHNICIANS 3103 SCIENCE TECHNICAL OFFICERS AND TECHNICIANS

3101 MEDICAL TECHNICAL OFFICERS AND TECHNICIANS

MEDICAL TECHNICAL OFFICERS AND TECHNICIANS perform routine laboratory tests and procedures ranging in complexity, in support of medical professionals engaged in diagnosis and treatment of disease, and assist dentists in the examining and treating of teeth, mainly among pre-school and primary school children. Technical officers may supervise technicians and other laboratory workers.

SKILL LEVEL

The entry requirement for this unit group is a 2 year associate diploma, TAFE certificate or technician's certificate. 1-2 years on-the-job training is usual.

TASKS include:

- collecting blood samples, making blood counts, testing to determine bleeding, coagulation time, blood types and characteristics
- preparing and staining slides for microscopic examination
- performing urine analyses and standard body fluid tests
- performing more complex blood, urine, electrocardiograph and basal metabolism tests
- · performing oral examinations
- preparing cavities of teeth for restoration with amalgam cement or plastic materials, performing forceps extractions
- operating equipment used in diagnosing disorders of hearing, heart, kidneys, nervous system or in anaesthesia

OCCUPATIONS

3101-11 Medical Laboratory Technical Officer

3101-13 Medical Laboratory Technician
Clinical Biochemistry Technician (s)
Clinical Microbiology Technician (s)
Cytopathology Technician (s)

Haematology Technician (s) Histopathology Technician (s)

3101-15 Dental Therapist Oral Therapist (a) Dental Hygienist (s)

3101-99 Medical Technical Officers and Technicians nec
Anaesthetic Technician (s)
Audiometrist (s)
Cardiac Technician (s)
Dialysis Technician (s)
Electrocardiographic Technician (s)
Electroencephalographic Technician (s)
Neurophysiological Technician (s)
Renal Technician (s)

RELATED OCCUPATIONS

2109-11 Medical Laboratory Scientist 2305-11 Dentist

3103 SCIENCE TECHNICAL OFFICERS AND TECHNICIANS

SCIENCE TECHNICAL OFFICERS AND TECHNICIANS perform technical support functions ranging in complexity to assist with research, design, development, production, quality and process control in chemistry, earth sciences, physical sciences, textile production, life sciences and agriculture.

SKILL LEVEL

The entry requirement for this unit group is a technicians' certificate, 2 year associate diploma or TAFE certificate. 3 months on-the-job training is usual and 1-2 years as a technician or trainee prior to becoming an associate.

TASKS include:

 collating information from geological surveys, seismic surveys and meteorological observations

PARA-PROFESSIONALS

- developing, maintaining and repairing instruments and equipment for use in experimental research
- isolating, identifying, collecting and classifying living organisms, studying their reaction to light, temperature, nutrition and chemical agents
- · taking blood samples
- · inoculating animals and plants
- cross-pollinating plants, analysing soils, surveying and measuring trees
- analysing fabrics, selecting and developing dyestuffs, preparing specifications and overseeing production in textile plants
- identifying pathogenic micro-organisms and insects, parasites, fungi and weeds deleterious to crops and livestock and devising methods of control
- inspecting livestock, analysing produce, and recommending means for improving quality
- administering medication to livestock and assisting with experimental feeding programmes
- studying chemical and physical problems and developing solutions, controlling experimental procedures, testing samples and monitoring usage for quality and quantity control of laboratory supplies
- performing tests, experiments and analyses, preparing, plotting and graphing data, performing routine mathematical calculations, and computations of measurements

OCCUPATIONS

- 3103-11 Chemistry Technical Officer
 Chemical Instrumentation Technical Officer
 (s)
 Chemical Process Analyst (s)
 Chemical Research Technical Officer (s)
- 3103-13 Chemistry Technician
- 3103-15 Earth Science Technical Officer
 Geology Technical Officer (s)
 Geophysical Technical Officer (s)
 Meteorological Technical Officer (s)
 Soils Science Technical Officer (s)
- 3103-17 Earth Science Technician
 Geochemical Technician (s)
 Geology Technician (s)
 Geophysics Technician (s)
 Gravity Prospecting Observer (s)
 Hydrographer (s)
 Hydrological Technician (s)
 Lapidary Technician (s)

Meteorological Observer (s)
Mineral Separation Technician (s)
Palaeontology Technician (s)
Seismic Prospecting Observer (s)
Soil Science Technician (s)
Well-Logging Technician (s)

- 3103-19 Physics Technical Officer
 Optics Technical Officer (s)
 Spectroscopic Technical Officer (s)
- 3103-21 Physics Technician Vacuum Technician (s)
- 3103-23 Textiles Technical Officer
 Dyeing and Finishing Technical Officer (s)
 Fabric Design Technical Officer (s)
- 3103-25 Life Science Technical Officer
 Biology Technical Officer (s)
 Botany Technical Officer (s)
 Ecological Technical Officer (s)
 Fisheries Technical Officer (s)
 Forestry Technical Officer (s)
 Microbiology Technical Officer (s)
 Zoology Technical Officer (s)
- 3103-27 Life Science Technician
 Animal Technician (s)
 Botanical Technicial Assistant (s)
 Botanical Technician (s)
 Forest Assessor (s)
 Forestry Technician (s)
 Horticultural Technician (s)
 Hydroponics Technician (s)
 Mycological Technician (s)
 Plant Pathology Technician (s)
 Tree Marker (s)
- 3103-29 Agricultural Technical Officer
 Cereals Technical Officer (s)
 Horticultural Technical Officer (s)
- 3103-31 Agricultural Technician
 Artificial Insemination Technician (s)
 Dairy Technician (s)
 Field Crop Technician (s)
 Poultry Technician (s)

RELATED OCCUPATIONS

2101-11 Chemist 2103-11 Geologist 2107-27 Agricultural Extension Officer 2199-15 Meteorologist 2207-11 Chemical Engineer

MINOR GROUP 32 ENGINEERING AND BUILDING ASSOCIATES AND TECHNICIANS

ENGINEERING AND BUILDING ASSOCIATES AND TECHNICIANS perform technical support functions to assist engineers and building professionals in research, design, construction operations, maintenance of equipment and installations, resource estimation and site inspection.

Occupations in this minor group have a level of skill commensurate with a 2 year associate diploma and 2 months on-the-job training.

Tasks performed by Engineering and Building Associates and Technicians typically include preparing, interpreting, inspecting and revising drawings, plans, diagrams, designs, maps and charts; performing complex computations and field and laboratory tests, and recording the results; installing, testing, repairing and modifying electrical and mechanical equipment; and estimating materials costs and quantities.

This minor group includes Tool Designers because they are primarily involved in the design rather than fabrication of tools.

Occupations in this minor group are classified into the following unit groups:

- 3201 ELECTRICAL AND ELECTRONIC ENGINEERING ASSOCIATES AND TECHNICIANS
- 3203 CIVIL ENGINEERING ASSOCIATES AND TECHNICIANS
- 3205 MECHANICAL ENGINEERING ASSOCIATES AND TECHNICIANS
- 3207 BUILDING, ARCHITECTURAL AND SURVEYING ASSOCIATES AND TECHNICIANS
- 3299 OTHER ENGINEERING AND BUILDING ASSOCIATES AND TECHNICIANS

3201 ELECTRICAL AND ELECTRONIC ENGINEERING ASSOCIATES AND TECHNICIANS

ELECTRICAL AND ELECTRONIC ENGINEERING ASSOCIATES AND TECHNICIANS perform technical support functions ranging in complexity to assist engineers in research, design, manufacture, assembly, construction, operation and maintenance of electrical and electronic equipment, facilities and distribution systems. Associates may supervise technicians in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a technician's or post-trade certificate, 2 year associate diploma or TAFE certificate. 2 months on-the-job training is usual.

TASKS include:

- preparing drawings, plans and diagrams
- developing, constructing and testing prototype electronic devices
- assisting in design and layout of electrical installations and circuitry
- performing tests, graphing results, preparing charts and tabulations
- estimating materials costs and quantities
- evaluating performance of equipment; assisting engineers in commissioning non-standard equipment
- inspecting designs and finished products for compliance with specifications and regulations

• installing, testing and repairing equipment

OCCUPATIONS

- 3201-11 Electrical Engineering Associate
 Electrical Engineering Design Draftsperson
 (s)
 Electrical Engineering Drafting Officer (s)
 Electrical Engineering Technical Officer (s)
 Relays Drafting Officer (s)
 Substation Design Draftsperson (s)
- 3201-13 Electrical Engineering Technician
 Electrical Engineering Detail Draftsperson
 (s)
 Electrical Engineering Drafting Assistant (s)
 Electrical Instrument Technician (s)
- 3201-15

 Electronics Engineering Associate
 Aircraft Electronics Technical Officer (s)
 Communications and Data Systems
 Drafting Officer (s)
 Communications Engineering Technical
 Officer (s)
 Control Systems Drafting Officer (s)
 Digital Controls Technical Officer (s)
 Electronics Engineering Design
 Draftsperson (s)
 Electronics Engineering Drafting Officer (s)
 Electronics Engineering Technical Officer (s)
 Flight Surveyor (s)
 Process Control Technical Officer (s)
 Radio Maintenance Officer (s)
 Telecommunications Technical Officer (s)
- 3201-17 Electronics Engineering Technician Aerial Survey Technician (s)

GROUP DEFINITIONS

Communications Electronic Systems
Technician (Air Force) (s)
Communications Engineering Technician (s)
Electronics Detail Drafting Assistant (s)
Electronics Detail Draftsperson (s)
Printed Circuit Board Designer (s)
Process Control Technician (s)
Telemetry Technician (s)

RELATED OCCUPATIONS

2211 Electrical and Electronics Engineers

3203 CIVIL ENGINEERING ASSOCIATES AND TECHNICIANS

CIVIL ENGINEERING ASSOCIATES AND TECHNICIANS perform technical support functions ranging in complexity to assist Civil Engineers in research, design, construction, operations and maintenance. Associates may supervise technicians in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a technician's or post-trade certificate, 2 year associate diploma or TAFE certificate. 2 months on-the-job training is usual.

TASKS include:

- performing and/or directing field and laboratory tests of soils and construction materials
- collecting and analysing data, performing complex computations
- preparing sketches, charts, tabulations, plans and designs for drainage, water supply, sewage reticulation systems, roads, airports, dams and bridges
- estimating materials costs, organising maintenance and repairs
- inspecting civil engineering works

OCCUPATIONS

3203-11 Civil Engineering Associate
Civil Engineering Design Draftsperson (s)
Civil Engineering Drafting Officer (s)
Civil Engineering Technical Officer (s)
Road Design Draftsperson (s)
Sewage Reticulation Drafting Officer (s)
Structural Design Draftsperson (s)
Structural Engineering Drafting Officer (s)

3203-13 Civil Engineering Technician
Civil Engineering Detail Draftsperson (s)
Civil Engineering Drafting Assistant (s)

RELATED OCCUPATIONS

2209-11 Civil Engineer

3205 MECHANICAL ENGINEERING ASSOCIATES AND TECHNICIANS

MECHANICAL ENGINEERING ASSOCIATES AND TECHNICIANS perform technical support functions ranging in complexity to assist in mechanical engineering research and in the design, manufacture, construction, operation and maintenance of machines, manufacturing equipment, mechanical installations

and facilities. Associates may supervise technicians in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a technician's or post-trade certificate, 2 year associate diploma or TAFE certificate. 2 months on-the-job training is usual.

TASKS include:

- installing new or modified mechanical assemblies, components, hydraulic power systems, machine tools and controls
- studying materials handling methods and recommending changes for cost reduction
- estimating materials costs, quantities and machinery requirements
- assisting mechanical engineers in mechanical equipment, tool and plant design
- · performing and/or directing field or laboratory tests
- collecting and analysing data, performing complex computations
- · inspecting and maintaining machinery and plant

OCCUPATIONS

3205-11 Mechanical Engineering Associate
Air-Conditioning Drafting Officer (s)
Heating and Ventilating Technical Officer
(s)
Mechanical Engineering Design
Draftsperson (s)
Mechanical Engineering Drafting Officer (s)
Mechanical Engineering Technical Officer
(s)
Tool Design Draftsperson (s)
Tool Designer (s)

3205-13 Mechanical Engineering Technician
Boiler Testing Technician (s)
Hydraulic Controls Technician (s)
Mechanical Detail Draftsperson (s)
Mechanical Engineering Drafting Assistant
(s)
Pipe Testing Technician (s)
Tool Design Detail Draftsperson (s)

RELATED OCCUPATIONS

2213-11 Mechanical Engineer

3207 BUILDING, ARCHITECTURAL AND SURVEYING ASSOCIATES AND TECHNICIANS

BUILDING, ARCHITECTURAL AND SURVEYING ASSOCIATES AND TECHNICIANS perform technical support functions to assist builders, architects and surveyors in time, cost and resource estimation, data evaluation, design mapping construction, site supervision and inspection.

SKILL LEVEL

The entry requirement for this unit group is a 2-3 year associate diploma or TAFE certificate. State governments may require Building Technicians to be licensed.

TASKS include:

interpreting building plans, regulations and codes of practice

- · calculating costs and estimating time scales
- preparing tenders, support contract bids and variations
- · co-ordinating works programme for various trades
- inspecting work and materials for compliance with specifications, regulations and standards
- analysing architect's design, preparing preliminary sketches and working drawings, showing plans, elevations, sections, materials, plumbing, drainage carparking and landscaping layout
- collecting data using surveying instruments and photogrammetric equipment
- performing routine computations and plotting preliminary data
- preparing, editing and revising plans, maps, charts and drawings

OCCUPATIONS

3207-11 Building Technician
Building Construction Supervisor (s)
Building Estimator (s)
Building Foreman/woman (s)
Clerk of Works (s)

3207-13 Architectural Associate
Architectural Drafting Officer (s)
Architectural Technical Officer (s)

3207-15 Surveying Associate
Cartographic Associate (a)
Engineering Survey Drafting Officer (s)
Photogrammetrist (s)
Photographic Interpreter (Air Force) (s)
Topographic Drafting Officer (s)

RELATED OCCUPATIONS

1601-13 Professional Builder 2201-11 Architect 2205 Cartographers and Surveyors

3299 OTHER ENGINEERING AND BUILDING ASSOCIATES AND TECHNICIANS

This unit group covers occupations not elsewhere classified in Minor Group 32, Engineering and Building Associates and Technicians.

SKILL LEVEL

The entry requirement for this unit group is a 1-2 year associate diploma, TAFE certificate or technician's certificate.

OCCUPATIONS

3299-11 Metallurgical Technician
Dye Penetrant Testing Technician (s)
Eddy Current Testing Technician (s)
Heat Metal Technician (s)
Magnetic Testing Technician (s)
Non-Destructive Testing Technician (s)
Pressure Testing Technician (s)
Ultrasonic Technician (s)

3299-99 Engineering and Building Associates and Technicians nec
Aeronautical Engineering Technical Officer (s)
Aircraft Detail Draftsperson (s)
Aircraft Systems Technician (Air Force) (s)
Airframe Technical Officer (s)
Architectural Tracer (s)
Avionics Systems Technician (Air Force) (s)
Engineering Tracer (s)
Lighting Design Drafting Officer (s)
Mine Deputy (s)
Mine Undermanager (s)
Mine Ventilation Officer (s)
Mining Detail Draftsperson (s)
Mining Technician (s)
Production Planning Officer (Engineering) (s)
Shipbuilding Design Drafting Officer (s)
Surveying Tracer (s)
Welding Technical Officer (s)

MINOR GROUP 33 AIR AND SEA TRANSPORT TECHNICAL WORKERS

AIR AND SEA TRANSPORT TECHNICAL WORKERS command and navigate aircraft and ships and perform technical functions to ensure their safe and efficient movement and operation.

Occupations in this minor group have a level of skill commensurate with a 2-4 year certificate or diploma and 3-12 months on-the-job training.

Tasks performed by Air and Sea Transport Technical Workers typically include controlling the movement of ships at sea and in ports and of aircraft in the air and on the ground, from on board or from a control tower; supervising and inspecting crew; inspecting machinery, equipment, aircraft and ships to ensure they are correctly loaded and mechanically sound; preparing for operation, and monitoring the performance of, ship and aircraft engines, and initiating action for their maintenance; and recording details of flight, voyage or maintenance operations.

Marine Engine and Boiler Operators are excluded from this minor group because their tasks are confined to operating and lubricating marine engines and performing simple repairs without applying a broad body of technical knowledge. They are located in Unit Group 7303, Engine and Boiler Operators (except Power Generation).

Occupations in this minor group are classified into the following unit groups:

3301 AIRCRAFT PILOTS

3303 AIR TRANSPORT OPERATING SUPPORT WORKERS

3305 SHIP'S PILOTS AND DECK OFFICERS

3307 MARINE ENGINEERS AND SURVEYORS

3301 AIRCRAFT PILOTS

AIRCRAFT PILOTS fly aircraft to transport passengers, mail and freight or for other purposes.

SKILL LEVEL

The entry requirement for this unit group is a 2-3 year certificate. 6 months on-the-job training is usual. Government departments issue licences for the occupations in this unit group.

TASKS include:

- preparing and submitting flight plan or examining standard flight plan
- ensuring that aircraft is properly loaded, mechanically sound and provided with adequate fuel
- checking flight controls, instruments, navigation equipment and radios before, during and after flight
- flying aircraft in accordance with established Air Traffic Control and aircraft operating procedures
- controlling aircraft on the ground and during take-off and landing
- monitoring information from instruments and other sources to maintain course and flight

OCCUPATIONS

3301-11 Aircraft Pilot
Agricultural Pilot (s)
Aircraft Captain (s)
Commercial Pilot (s)
Helicopter Pilot (s)

RELATED OCCUPATIONS

3303 Air Transport Operating Support Workers

3303 AIR TRANSPORT OPERATING SUPPORT WORKERS

AIR TRANSPORT OPERATING SUPPORT WORKERS perform a variety of functions to enable the safe movement and operation of aircraft in flight and on the ground. They may receive training in occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 1-4 year certificate. Previous experience of 5-15 years may also be required for some occupations in this unit group. 3-12 months on-the-job training is usual. Government departments issue licences for the occupations in this unit group except Air Traffic Controllers.

- monitoring the performance of aircraft engines, mechanical and fuel systems
- plotting and directing aircraft position in flight, using electronic navigational equipment
- directing aircraft movements in airspace and on the ground using radar, radio and lighting systems
- recording details of flight and operations
- informing flight crews and operations staff about weather conditions, operational facilities, flight plans and air traffic
- initiating and organising emergency, search and rescue services and procedures
- · inspecting aircraft, flight crews, airways facilities

PARA-PROFESSIONALS

- and navigational aids to ensure compliance with standard specifications and procedures
- issuing certificates of airworthiness for aircraft, licensing aircraft maintenance organisations and personnel
- determining engineering action required to bring standard, equipment approving design to modifications and repairs to aircraft
- · developing and reviewing standards for aircraft operations and maintenance

OCCUPATIONS

2202 44	A ! T !!! -	0
3303-11	Air Traffic	Controller

3303-13 Flight Service Officer

3303-15 Flight Engineer

3303-17 Airways Surveyor

3303-19

Airworthiness Surveyor Airworthiness Surveyor (Airframes) (s) Airworthiness Surveyor (Electrical and Instruments) (s)

Airworthiness Surveyor (Engines) (s) Airworthiness Surveyor (Radio) (s)

3303-21 **Examiner of Flightcrew** Flight Engineer Inspector (s)

3303-23 Aircraft Navigator Observer (Navy) (s)

3303-25 Aircraft Crewman/woman (Military and Rescue)

Air Observer (Rescue) (s)

Helicopter Observer (Rescue) (s)

3303-27 Loadmaster

3303-91 Trainee Air Traffic Controller

3303-93 Trainee Flight Service Officer

3303-99 Air Transport Operating Support Workers

nec

Air Defence Officer (s) Airborne Electronics Analyst (s)

RELATED OCCUPATIONS

3301

Aircraft Pilots Aircraft Maintenance Engineers 4211

3305 SHIP'S PILOTS AND DECK OFFICERS

SHIP'S PILOTS AND DECK OFFICERS control and navigate, or provide specialised service to, vessels used in water transport, and command crew. They may receive training in occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 1-4 year certificate or diploma. Previous experience of 5 years may be required. 6-12 months on-the-job training is usual. Government departments issue certificates for the occupations in this unit group.

TASKS include:

- · directing and supervising ship's officers and/or deck crew in the performance of their duties
- · directing the movement of vessel and the stowage and discharge of cargoes
- · determining vessel's position, using electronic and

non electronic navigational aids

- · communicating with ship and shore stations and encoding and decoding data for radio transmissions
- keeping watch for specified periods at sea and in port
- recording vessel's progress, crew's activities, weather and sea state
- directing fishing operations, maintaining catch records and arranging marketing and sales

OCCUPATIONS

3305-11 Ship's Captain Ship's Master (a)
Dredge Master (s)
Ferry Master (s)
Fishing Vessel Master (s)
Hovercraft Operator (s)
Hydrofoil Operator (s) Marine Pilot (s) Merchant Ship's Captain (s)
Pearling Skipper (s)
Ship's Pilot (s)
Trawler Master (s) Tug Master (s)

3305-13 Ship's Officer Seaman Officer (Navy) (s) Ship's Mate (s) Ship's Navigating Officer (s)

3305-15 Master Fisherman/woman

3305-91 Cadet Deck Officer

3307 MARINE ENGINEERS AND SURVEYORS

MARINE ENGINEERS AND SURVEYORS operate and maintain ship machinery and inspect vessels, machinery and hulls to establish and implement safety standards and procedures. They may receive training in occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 4 year certificate or diploma. Previous experience of 7-8 years as a Marine Engineer is required for Marine Engineer Surveyors. Marine Surveyors require 8-11 years experience as a Marine Engineer Surveyor.

TASKS include:

- · operating, testing and repairing main propulsion engine, auxiliary machines and domestic systems
- · standing engine room watches at sea and in port
- approving design plans of ship hulls and equipment and specifying standards of construction
- inspecting ship hulls, machinery and equipment during construction and throughout ship's life to ensure that standards are met and maintained
- measuring vessels for the calculation of tonnage, registration and the issue of safety certificates
- establishing, and monitoring the implementation of standards for the safe handling, stowage and carriage of bulk cargoes
- · investigating the causes of marine casualties, accidents, machine and equipment failures

OCCUPATIONS

Marine Engineer Ship's Engineer Officer (a) Motor Vessel Engineer Officer (s)

3307-13 Marine Engineer Surveyor

3307-15 Marine Surveyor

3307-91 Trainee Marine Engineer (s)

RELATED OCCUPATIONS

7303-13 Marine Engine and Boiler Operator

MINOR GROUP 34 REGISTERED NURSES

REGISTERED NURSES treat and provide specialised care for the physically or mentally ill or disabled, the elderly and mothers and their new-born babies. They provide health counselling for individuals and families.

Occupations in this minor group have a level of skill commensurate with a 3-4 year hospital-based certificate or 3 year diploma.

Tasks performed by Registered Nurses typically include assisting in the examination of patients; administering prescribed treatment; monitoring patients' progress; discussing cases with Medical Practitioners and Social Professionals; and maintaining records of their activities.

Enrolled and Mothercraft Nurses are excluded because their tasks do not involve the application of an extensive body of knowledge. They are located in Unit Group 6603, Enrolled Nurses. Directors of Nursing are excluded because their tasks are primarily managerial in directing the function of nursing in a hospital or nursing home. They are located in Minor Group 13, Specialist Managers.

Occupations in this minor group are classified into the following unit group:

3401 REGISTERED NURSES

3401 REGISTERED NURSES

REGISTERED NURSES treat and care for the physically and mentally ill or disabled, the elderly and mothers and their new-born babies in hospitals, nursing homes, medical centres and the community. They advise individuals and families on health matters. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year hospital-based certificate or 3 year diploma. Specialist nurses require additional training courses. Certificates of registration are also required.

TASKS include:

- assisting medical practitioners to examine patients, administer treatment and deliver babies
- administering prescribed treatment in the form of medication and therapy to patients suffering from physical or mental disorders
- monitoring patient's condition, reactions to medication and other treatment, and progress of childbirth
- conferring with psychiatrists, psychologists, social workers, occupational therapists and other workers to evaluate the condition of psychiatric patients and intellectually handicapped persons and to plan therapy and rehabilitation programmes
- instructing and advising on nutrition, child care, family planning, disease prevention and other health matters

maintaining records of patients' progress and treatment administered

OCCUPATIONS

3401-01 Nursing Supervisor Charge Nurse (a) Charge Sister (a) Ward Supervisor (s)

3401-11 Registered General Nurse

3401-13 Registered Community Health Nurse
Domiciliary Nurse (s)
Infant Welfare Nurse (s)
Maternal and Child Health Nurse (s)
Occupational Health Nurse (s)

3401-15 Registered Midwife

3401-17 Registered Mental Retardation Nurse

3401-19 Registered Psychiatric Nurse

3401-91 Student Registered Nurse
Student Registered Psychiatric Nurse (s)

3401-99 Registered Nurses nec
Coronary Care Nurse (s)
Geriatric Care Nurse (s)
Intensive Care Nurse (s)
Neurosurgical Nurse (s)
Oncological Nurse (s)
Operating Theatre Nurse (s)
Paediatric Nurse (s)
Spinal Injuries Nurse (s)

MINOR GROUP 35 POLICE

POLICE enforce the law and maintain public order by discouraging offences and dealing with offenders.

Occupations in this minor group have a level of skill commensurate with a 2 year para-professional certificate.

Tasks performed by Police typically include patrolling public areas; investigating complaints and offences; observing, pursuing, arresting and interviewing suspects; and maintaining records and preparing reports.

Police Commissioners and Commissioned Police Officers are excluded from this minor group because their tasks are primarily managerial. They are located in Unit Groups 1201, General Managers, and 1319, Commissioned Officers (Management) respectively. Police Divers are excluded because their tasks are similar to those of other divers. They are located in Unit Group 4999, Other Tradespersons.

Occupations in this minor group are classified into the following unit group:

3501 POLICE

3501 POLICE

POLICE investigate crimes, arrest offenders, patrol public areas, attend at the scene of accidents and perform other duties of law enforcement and maintenance of public order. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 15 week to 2 year cadetship/in-service training.

TASKS include:

- patrolling an assigned area on foot or in a radio controlled vehicle to check security
- investigating crimes, minor offences and citizens' complaints
- pursuing, arresting and interviewing persons suspected of crime
- observing traffic and issuing traffic infringement notices
- examining scene of crime and searching other property or premises for evidence
- searching suspects for weapons, stolen or illegal goods

- checking licensed premises to ensure that licensing laws are obeyed
- preparing briefs or reports for police files or for use in court
- · testifying or presenting prosecution case in court
- taking statements and collecting evidence at scenes of traffic accidents

COMMENTS

Under any of these occupation titles, police officers may be designated according to rank and/or branch of police work.

OCCUPATIONS

3501-01 Police Supervisor Police Station Sergeant (a)

3501-11 Policeman/woman

3501-13 Detective Plain Clothes Police Officer (a)

RELATED OCCUPATIONS

3501-11 Police Commissioner 3501-11 Commissioned Police Officer

MINOR GROUP 39 MISCELLANEOUS PARA-PROFESSIONALS

This residual minor group covers all occupations in Major Group 3, Para-Professionals, which are not included in Minor Groups 31-38 above.

Occupations in this minor group are classified into the following unit groups:

- 3901 WELFARE PARA-PROFESSIONALS
 3903 PERFORMING ARTS SUPPORT WORKERS
- 3905 INSPECTORS AND REGULATORY OFFICERS
- 3907 CHILD CARE CO-ORDINATORS
- 3909 AMBULANCE OFFICERS
- 3911 PRISON OFFICERS
- 3913 PROCUREMENT OFFICERS
- 3915 SPORTSPERSONS AND RELATED WORKERS
- 3999 OTHER PARA-PROFESSIONALS

3901 WELFARE PARA-PROFESSIONALS

WELFARE PARA-PROFESSIONALS provide support, information and advice to individuals or groups on emotional, financial, recreational, health, housing and other social matters and evaluate and co-ordinate the services of welfare and community service agencies.

SKILL LEVEL

The entry requirement for this unit group is a 2 year associate diploma or certificate.

TASKS include:

- assessing community need and resources for health, welfare, housing, employment, training and other facilities and services
- monitoring and reporting on the progress of parolees
- advising on available community services to aid rehabilitation
- interviewing disadvantaged individuals and groups
- assessing nature and extent of difficulties
- · writing reports and submitting recommendations
- · referring clients to appropriate agencies
- designing recreational activities for young people

OCCUPATIONS

- 3901-11 Community Worker
 Community Development Officer (a)
 Neighbourhood Centre Coordinator (s)
- 3901-13 Parole Officer Probation Officer (s)
- 3901-15 Welfare Officer Social Worker Associate (a) Residental Care Worker (s)
- 3901-17 Youth Worker Youth Leader (a) Youth Officer (a)

RELATED OCCUPATIONS

2601-13 Community Social Worker 2601-15 Social Case Worker 2999-17 Recreation Officer

3903 PERFORMING ARTS SUPPORT WORKERS

PERFORMING ARTS SUPPORT WORKERS provide technical and other assistance for the production, recording and/or broadcasting of artistic performances. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 3 months basic vocational certificate, except for make-up artists and special effects persons who require a 1 year basic vocational certificate. 1-3 years on-the-job training is usual.

- operating motion picture or television cameras to record events or scenes on film or video tape or for direct telecast
- positioning microphones, recording sounds or operating equipment to mix and regulate the quality and volume of sound from several sources
- operating console to monitor and control radio and television broadcasts
- applying make-up to performers taking part in stage, television or motion picture productions
- selecting, positioning and operating lighting equipment to illuminate set or studio during stage performance, television broadcast or motion picture scenes
- designing, fabricating and using various devices to create special sounds and visual effects for broadcasting, motion picture and stage productions

GROUP DEFINITIONS

OCCUPATIONS

3903-01 Supervisor, Performing Arts Support

Workers

Supervising Technician, Radio Operations (s)

Supervising Technician, TV Production

Operations (s)

Supervisor, Sound Recording and Reproduction Equipment Operators (s)

Lighting Supervisor (s)

3903-11 Sound Technician

Audio Operator (s)
Audio Technician (s)
Dubbing Machine Operator (s)
Dubbing Projectionist (Sound Mixing) (s)

Sound Editor (s)
Sound Mixer (s)
Sound Mixer (s)
Sound Recordist (s)
Video and Sound Recorder (s)

3903-13 Motion Picture Camera Operator

3903-15 **Television Equipment Operator**

Telecine Operator (s)
Television Camera Operator (s)

Vision Mixer (s)

3903-17 Broadcast Transmitter Operator

3903-19 Light Technician

Performing Arts Support Workers nec Continuity Person (s) Make-up Artist (s) 3903-99

Microphone Boom Operator (s)

Sound Effects Person (s)

Special Effects Person (s)

3905 INSPECTORS AND REGULATORY **OFFICERS**

INSPECTORS AND REGULATORY OFFICERS conduct inspections to enforce government standards and regulations, industrial awards, or industry standards, to maintain and improve quality of services, or in relation to insurance. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 2 year basic vocational certificate, a 2-4 year degree or diploma or a 4 year trade certificate, and, in some cases, 2-4 years previous experience. Some occupations require education to years 10-12. Safety Officers require a Certificate of Competency. 1-3 years on-the-job training is usual.

TASKS include:

- inspecting animal, fish or plant products and processing establishments to ensure conformity with government standards and health regulations
- inspecting factories and other work sites, machinery and equipment, working conditions, railway freight cars, public places and waste disposal sites to ensure conformity with government standards and regulations or industrial awards
- regulating irrigation, alteration of water courses, drilling or artesian and sub-artesian bores and construction of stock water facilities
- examining cargo and mail for export or import, passengers, luggage, crew, aircraft and ships departing for and arriving from overseas, and associated documents concerned with customs and

related legislation

- buildings, inspecting insured commercial commercial and industrial establishments to evaluate conditions and practices affecting insurance risk and to develop safety programmes
- analysing accidents to determine causes

OCCUPATIONS

3905-01 Supervisor, Inspectors and Regulatory Officers

3905-11 **Building Inspector**

Electrical Installation Inspector (s)

Plumbing and Drainage Inspector (s)

3905-13 Safety Inspector

Boilers and Pressure Vessels Inspector (s)

Gas Examiner (s)

Lifts and Cranes Inspector (s)

Mines Inspector (s)

3905-15

Primary Products Inspector Dairy Produce Inspector (s) Fish Exports Inspector (s)

Horticultural Inspector (s)

Meat Inspector (s)

Quarantine Inspector (s)

Sugar Cane Inspector (s)

3905-17 Train Examiner

Locomotive Inspector (s)

3905-19 **Customs Investigator**

Customs Examining Officer (s)

3905-21 **Health Inspector**

Health Surveyor (a) Industrial Hygiene Inspector (s)

Water Quality Inspector (s)

3905-23 Arbitration Inspector

Industrial Inspector (a)

3905-25 Water Usage Inspector

Boring Inspector (s) Stream Control Officer (s)

3905-27 Corporate Safety Officer

3905-29 Insurance Assessor (except Health)

Claims Assessor (except Health) (s) Loss Adjuster (s)

3905-31 Traffic Inspector

Bus Inspector (s) Tram Inspector (s)

Inspectors and Regulatory Officers nec Fisheries and Wildlife Officer (s) 3905-99

Liquor Licensing Inspector (s) Patrolman/woman (Utilities) (s)

Pest Control Inspector (s)

Pipeline Inspector (s)
Postal Services Field Manager (s)

Travel Accommodation Inspector (s) Utility Man/Woman (s) Vermin and Noxious Weeds Inspector (s)

Weights and Measures Inspector (s)

3907 CHILD CARE CO-ORDINATORS

CHILD CARE CO-ORDINATORS direct the activities of a Child Care or Family Day Care Centre and supervise teachers, child care workers, assistants and aides caring for children.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year diploma in a relevant area i.e. teaching, nursing or child care.

TASKS include:

- implementing programmes to enhance the physical, social, emotional and intellectual development of young children
- providing care for primary school children in centres catering for before-school and after-school care
- · maintaining records and accounts for the centre

OCCUPATIONS

3907-11 Child Care Co-ordinator Child Care Centre Director (a)

RELATED OCCUPATIONS

2401 Pre-Primary School Teachers 6601 Child Care, Refuge and Related Workers

3909 AMBULANCE OFFICERS

AMBULANCE OFFICERS transport sick and injured persons and provide emergency health care.

SKILL LEVEL

The entry requirement for this unit group is a 2-3 year para-professional certificate. Driving Licence, Class 4 is also required.

TASKS include:

- transporting ill or injured persons to places of medical treatment
- transporting ill or disabled persons to and from centres of specialised treatment
- · administering first aid
- instructing community groups and essential service workers in first aid
- attending public gatherings where accidents or other health emergencies may occur

OCCUPATIONS

3909-11 Ambulance Officer Ambulance Paramedic (s)

3911 PRISON OFFICERS

PRISON OFFICERS guard and control inmates in penal institutions. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3 months on-the-job training is usual.

TASKS include:

- locking prisoners in cells and guarding prisoners during work assignments, sport and recreation periods, meals and in transit
- searching prisoners and cells for weapons, valuables, drugs or contraband articles

- inspecting locks, window bars, grills, doors and gates and patrolling assigned areas to prevent escapes and disturbances
- · investigating disturbances or unusual occurrences
- providing meals to prisoners confined in cells, administering first aid and requisitioning items needed by prisoners

OCCUPATIONS

3911-01 Chief Prison Officer

3911-11 Prison Officer

3913 PROCUREMENT OFFICERS

PROCUREMENT OFFICERS prepare purchase orders for industrial, commercial, government or other establishments, and act as agents to purchase and sell farm produce.

SKILL LEVEL

The entry requirement for this unit group is a 1-2 year para-professional certificate. 1 year of previous experience and 3 months on-the-job training are usual.

TASKS include:

- preparing and despatching purchase orders for goods and materials
- · verifying specifications of purchase requests
- searching inventory records or warehouse to find out whether material is on hand in sufficient quantity
- consulting catalogues to obtain prices and specifications
- recording items purchased or transferred between departments, prices, deliveries and inventories
- conferring with suppliers to determine reasons for late deliveries
- assessing type and quality of produce such as wool, hide and skin or grain
- purchasing produce at auction or direct from farmer or grower

OCCUPATIONS

3913-11 Purchasing Officer Supply Officer (s)

3913-13 Commodities Buyer
Grain Buyer (s)
Hide and Skin Buyer (s)
Livestock Buyer (s)
Wool Buyer (s)

3913-15 Retail Buyer

3915 SPORTSPERSONS AND RELATED WORKERS

SPORTSPERSONS AND RELATED WORKERS compete in sporting activities for monetary gain, train sporting competitors and officiate at sporting events. They may receive training in occupations in this unit group.

SKILL LEVEL

There is no entry requirement for the occupations in this unit group. 4-5 years previous experience in the sport is usual for coaches, 3-5 years previous experience in racing administration is usual for race stewards and 3-5 years on-the-job training is usual for referees.

TASKS include:

- coaching teams and training sportspersons in the performance of their sport by demonstrating techniques, prescribing exercises and supervising practice
- planning and directing game strategy and evaluating performance after game
- · competing in, and training for, sporting events
- regulating activities of sportspersons during sporting events according to established rules
- determining violations of rules, and assessing and imposing penalties for infractions of rules
- co-ordinating and directing horse or dog racing activities

OCCUPATIONS

3915-11 Coach (Sport) Sports Trainer (a)

3915-13 Jockey

3915-15 Other Sportspersons

3915-17 Racecourse Official
Handicapper (Racing) (s)
Horse Racing Judge (s)
Race Steward (s)

3915-19 Referee Umpire (a) Linesman/woman (Sport) (s)

3915-91 Apprentice Jockey

3999 OTHER PARA-PROFESSIONALS

This unit group covers occupations not elsewhere classified in Minor Group 39, Miscellaneous Para-Professionals.

SKILL LEVEL

The entry requirement for this unit group is a 2 year para-professional certificate.

OCCUPATIONS

3999-01 Supervisor, Other Para-Professionals

3999-11 Radio Telegraphist Radio Operator (a)

3999-13 Museum and Art Gallery Technician

3999-15 Library Technician

3999-17 Layout Artist
Finish Artist (s)
Paste-up Artist (s)
Showcard Ticket Writer (s)

3999-19 Window Dresser

3999-21 Interior Decorator Fine Furnisher (s)

3999-23 Photographic Studio Assistant Photographic Studio Technician (a)

3999-25 Photograph Retoucher Colourist (s)

3999-27 Forms Analyst and Designer Forms Analyst (s) Forms Designer (s)

3999-29 Credit and Loans Analyst

3999-31 Park Ranger
Park Warden (a)
Park Superintendent (s)

3999-33 Military Disciplinary Supervisor Company Sergeant Major (s) Disciplinary Warrant Officer (s) Regimental Sergeant Major (s) Warrant Officer Coxswain (s)

3999-35 Wool Classer

3999-37 Hide and Skin Classer Fur Grader (s) Leather Grader (s)

3999-99 Para-Professionals nec
 Agricultural Secretary (s)
 Forest Ranger (s)
 Inquiry Agent (s)
 Private Detective (s)
 Radar Operator (s)
 Ship's Purser (s)
 Signaller (Defence Forces) (s)
 Sonar Operator (s)

GROUP DEFINITIONS TRADESPERSONS

MAJOR GROUP 4 TRADESPERSONS

Tradespersons perform a variety of complex physical tasks, applying a body of trade-specific technical knowledge. These tasks require initiative and a high degree of manual dexterity and other practical skills.

Occupations in this major group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Tradespersons typically include constructing buildings and other large structures; fabricating individual (i.e. not mass-produced) metal, wood, glass, and textile products; repairing and maintaining these individual products, motor vehicles and other machinery, electrical and electronic equipment; applying protective and decorative finishes to surfaces; printing and binding documents; preparing and cooking food; and propagating and cultivating plants.

Tradespersons operate a wide variety of complex precision machinery to complete several stages in the fabrication and maintenance of products. Occupations concerned with the operation of a single non-precision or partly automated machine during one phase of the manufacturing process are located in Minor Group 74, Machine Operators.

Occupations in this major group are classified into the following minor groups:

- 41 METAL FITTING AND MACHINING TRADESPERSONS
- **42 OTHER METAL TRADESPERSONS**
- 43 ELECTRICAL AND ELECTRONICS TRADESPERSONS
- 44 BUILDING TRADESPERSONS
- **45 PRINTING TRADESPERSONS**
- **46 VEHICLE TRADESPERSONS**
- 47 FOOD TRADESPERSONS
- **48 AMENITY HORTICULTURAL TRADESPERSONS**
- 49 MISCELLANEOUS TRADESPERSONS

MINOR GROUP 41 METAL FITTING AND MACHINING TRADESPERSONS

METAL FITTING AND MACHINING TRADESPERSONS shape metal stock, usually to fine tolerances, using lathes and other precision metal tools to fabricate or repair tools, dies, jigs and other individual (ie not mass-produced) metal products, assemble machinery incorporating these as components, and set up partially automated machine tools for use by less skilled operators.

Occupations in this minor group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Metal Fitting and Machining Tradespersons typically include selecting stock; determining dimensions and tolerances; setting machine controls; manipulating stock and controls of machine tools to shape stock by cutting, drilling or abrasion; measuring product for conformity to specifications; and fitting parts into machinery using hand tools, and testing to ensure that machinery functions correctly.

This minor group includes Metal Machinists (Second and Third Class) because they perform similar tasks to Metal Machinists (First Class), and cannot reliably be distinguished from them in statistical collections, although their skill level is different.

Tool Designers are excluded from this minor group because they are primarily involved in the design rather than fabrication of tools. They are located in Unit Group 3205, Mechanical Engineering Associates and Technicians.

Occupations in this minor group are classified into the following unit groups:

4101 TOOLMAKERS

4103 METAL FITTERS AND MACHINISTS

4101 TOOLMAKERS

TOOLMAKERS make and repair tools, dies, jigs, fixtures and other parts and equipment to fine tolerances. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 4 year trade certificate.

TASKS include:

- determining dimensions and tolerances of article to be manufactured from drawings, blueprints or specifications
- measuring and marking out metal stock or casting using various gauges
- shaping metal stock using machine tool
- checking accuracy of manufactured article to fine tolerances, using precision measuring instruments
- · testing and modifying manufactured article

OCCUPATIONS

4101-01 Supervisor, Toolmakers Supervisor, Tool Room (a)

4101-11 Toolmaker
Tool and Die Maker (a)
Die Caster (s)
Die Sinker (s)
Jigmaker (Metal) (s)
Plastic Mould Maker (s)
Press-Tool Maker (s)

4101-91 Apprentice Toolmaker

4103 METAL FITTERS AND MACHINISTS

METAL FITTERS AND MACHINISTS set up machining tools, production machines and textile machines, operate machining tools and machines to shape metal stock and castings, and fit and assemble the fabricated metal parts into products. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate, except for Die Setters, Metal Machinists (Second Class), and Metal Machinists (Third Class) which have no specific entry requirement.

- determining suitable material, method and sequence of operations, and machine settings from drawings, blueprints, or job specification cards
- setting guides, stops and other controls on machining tool, setting up prescribed cutting or shaping tool or die in machine or press, or setting controls for textile machines
- forming metal stock or castings to fine tolerances using machining tool to press, cut, grind, plane, bore or drill metal
- fitting fabricated metal parts into products and assembling metal parts and sub-assemblies to produce machinery and equipment using hand tools
- checking fabricated and assembled metal parts for

accuracy, clearance and fit using precision measuring instruments

 preparing pattern mechanism to control operation of textile machines used to spin, weave, knit, sew and tuft fabric

OCCUPATIONS

4103-01 Supervisor, Metal Fitters and Machinists

4103-13 Metal Machinist (First Class)
Aircraft Machinist (s)
Automotive Machinist (s)
Machine Setter (Metal) (s)
Milling Machinist (s)
Radial Driller (Metal) (s)
Turner (s)

Vertical Borer (s)

4103-15 Textile Mechanic Loom Tuner (s)

4103-17 Die Setter

4103-19 Metal Machinist (Second Class)
Machine Tool Operator (Metal) (a)
Gear Cutter (s)

4103-21 | Metal Machinist (Third Class)

4103-91 Apprentice Metal Fitter and Machinist
Apprentice Aircraft Machinist (s)
Apprentice Automotive Machinist (s)
Apprentice Fitter, Turner and Machinist (s)
Apprentice Mechanic (Diesel and Heavy
Earthmoving Equipment) (s)
Apprentice Sewing Machine Mechanic (s)
Apprentice Textile Mechanic (s)

MINOR GROUP 42 OTHER METAL TRADESPERSONS

OTHER METAL TRADESPERSONS cut, shape, join and finish metal, using a variety of tools and equipment other than lathes and similar machine tools.

Occupations in this minor group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Other Metal Tradespersons typically include drawing or marking out patterns; heating metal stock and shaping it using hammers; cutting stock or mould components to shape using hand tools, cutting torches or machine tools; joining components by welding, soldering brazing, rivetting, bolting, screwing or gluing; dismantling and inspecting aircraft components and complex items of metal machinery, repairing or replacing faulty components, and re-assembling; and applying protective or decorative finishes to metal products.

This minor group includes Electroplaters and Sheet Metal Workers (Second and Third Class) because they perform similar tasks to Electroplaters and Sheet Metal Workers (First Class) and cannot reliably be distinguished from them in statistical collections, although their skill level is different.

Occupations in this minor group are classified into the following unit groups:

- 4201 FORGING TRADESPERSONS
- 4203 SHEETMETAL TRADESPERSONS
- 4205 STRUCTURAL STEEL, BOILERMAKING AND WELDING TRADESPERSONS
- 4207 METAL CASTING TRADESPERSONS
- 4209 METAL FINISHING TRADESPERSONS
- 4211 AIRCRAFT MAINTENANCE ENGINEERS
- 4213 PRECISION METAL TRADESPERSONS

4201 FORGING TRADESPERSONS

FORGING TRADESPERSONS heat and hammer metal to shape, make or repair metal articles, including horseshoes. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 4 year trade certificate.

TASKS include:

- selecting metal for job and preparing horses' hooves for shoeing
- heating metal in fire, furnace or forge or by using welding equipment or propane torch
- hammering, punching or cutting metal to join parts using hand tools or machine presses
- tempering and hardening finished article by quenching in oil or water bath or by cooling gradually in air
- nailing horseshoe to hoof and trimming hoof flush with shoe using rasp

OCCUPATIONS

4201-01 Supervisor, Forging Tradespersons

4201-11 Blacksmith Forging Smith (s) Hammersmith (s) Springmaker (s) Toolsmith (s)

4201-13 Farrier

4201-91 Apprentice Forging Tradesperson Apprentice Blacksmith (s) Apprentice Farrier (s)

4203 SHEETMETAL TRADESPERSONS

SHEETMETAL TRADESPERSONS cut, shape and join sheetmetal using hand and power tools, or machines, or assemble and install sheetmetal products. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate, except for Sheetmetal Worker (Second Class), which has no specific entry requirement.

- marking out selected sheetmetal using templates, gauges and other instruments
- cutting sheetmetal using hand tools, power shears, guillotines or drills

- shaping cut sheetmetal into products using folding machines, rollers or presses, or metal spinning lathe
- checking dimensions of formed articles using precision measuring instruments
- bolting, rivetting, brazing or soldering components together using hand or power tools
- finishing products by cleaning, polishing, filing or bathing them in acid solution

OCCUPATIONS

- 4203-01 Supervisor, Sheetmetal Tradespersons Supervisor, Metal Spinners (s)
- 4203-11 Sheetmetal Worker (First Class) Sheetmetal Patternmaker (s)
- 4203-13 Coppersmith
- 4203-15 Metal Spinner
- 4203-17 Sheetmetal Worker (Second Class)
 Ductworker (s)
 Guillotine Operator (Metal) (s)
 Metal Bending Machine Operator (s)
 Sheetmetal Rolling Machine Operator (s)
- 4203-91 Apprentice Sheetmetal Tradesperson Apprentice Coppersmith (s) Apprentice Metal Spinner (s)

4205 STRUCTURAL STEEL, BOILERMAKING AND WELDING TRADESPERSONS

STRUCTURAL STEEL, BOILERMAKING AND WELDING TRADESPERSONS cut, shape, join and repair metal parts of iron and steelwork structures, pressure pipes, ships, boilers or other vessels subject to greater pressure than the weight of their contents, and weld metals together. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate, except for Welders (Second Class) and Welders (Third Class), which have no formal entry requirement.

TASKS include:

- cutting marked-out metal sections and shapes using hand tools, flame cutting torches or metal cutting machines
- shaping and bending metal sections and pipes using hand and machine tools or by heating and hammering
- aligning parts to be joined using hand tools and measuring instruments and, for large sections, with the aid of cranes or other lifting equipment
- joining metal sections by various welding techniques, bolting or rivetting
- cleaning and smoothing weld by filing, chiselling and grinding

OCCUPATIONS

- 4205-01 Supervisor, Structural Steel, Boilermaking and Welding Tradespersons
- 4205-11. Metal Fabricator
 Boilermaker (a)
 Boilermaker-Welder (s)
 Metal Fabricator-Welder (s)

Template Maker (s)

- 4205-13 Structural Steel Tradesperson Structural Boilermaker (a) Structural Metal Fabricator (a)
- 4205-15 Pressure Welder
- 4205-17 Welder (First Class)
 Welder (Special Class) (s)
- 4205-19 Welder (Second Class)
 Arc Welder (s)
 Brazier (s)
 Gas Welder-Cutter (s)
 Gas-shielded Arc Welding Operator (s)
 Metal-Inert-Gas Welder (s)
 Oxy-acetylene Welder-Cutter (s)
 Plasma-arc Welder (s)
 Solderer (s)
- 4205-21 Welder (Third Class)
- 4205-91 Apprentice Structural Steel, Boilermaking and Welding Tradesperson
 Apprentice Boilermaker (s)
 Apprentice Metal Fabricator (s)
 Apprentice Structural Steel Tradesperson (s)
 Apprentice Template Maker (s)
 Apprentice Welder (s)

4207 METAL CASTING TRADESPERSONS

METAL CASTING TRADESPERSONS plan and fabricate mould patterns and form sand moulds and cores used in the production of metal castings. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- · drawing pattern for mould on layout board
- cutting and shaping stock using band-saws, lathes, planers and routers
- assembling parts using glue, dowels and screws, to form moulding box
- smoothing and shaping surface of moulding box using hand tools, and applying sealing finish
- applying parting agent to moulding box and positioning vents to allow gases to escape
- filling box with sand and packing sand in place using hand ramming tools or pneumatic hammers
- applying refractory paint to prevent molten metal from fusing with sand and positioning cores in mould

OCCUPATIONS

- 4207-01 Supervisor, Metal Casting Tradespersons
- 4207-11 Metal Casting Patternmaker
- 4207-13 Moulder and Coremaker Coremaker (s) Metal Moulder (s)
- 4207-91 Apprentice Metal Casting Tradesperson
 Apprentice Metal Casting Patternmaker (s)
 Apprentice Moulder and Coremaker (s)

4209 METAL FINISHING TRADESPERSONS

METAL FINISHING TRADESPERSONS coat metal parts and articles using electrolytic processes or polish metal articles. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate, except for Electroplaters (Second Class), which have no formal entry requirement.

TASKS include:

- polishing and buffing sheet or other metal by hand or machine to finish metal parts or articles
- preparing electrolytic and silver solutions for electroforming and applying silver solution to the objects to be coated
- setting and adjusting controls to regulate electric current and depositing of coating on objects
- rinsing solutions from coated articles
- · checking depth of coating

OCCUPATIONS

- 4209-01 Supervisor, Metal Finishing Tradespersons
- 4209-11 Metal Polisher
- 4209-13 Electroplater (First Class)
 Anodiser (s)
 Electroformer (s)
- 4209-15 Electroplater (Second Class)
 Production Plater (a)
 Metal Plater (s)
- 4209-17 Electroplater (Third Class) Barrel Plater (s)
- 4209-91 Apprentice Metal Finishing Tradesperson Apprentice Electroplater (s) Apprentice Metal Polisher (s)

4211 AIRCRAFT MAINTENANCE ENGINEERS

AIRCRAFT MAINTENANCE ENGINEERS maintain and repair aircraft engines, electrical systems and mechanical systems and assemble components of aircraft frames. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- dismantling, inspecting and reassembling aircraft engines, ancillary motors and engine accessories, electrical systems, or sub-assemblies of aircraft frames using hand and power tools and equipment
- testing aircraft communication equipment, aircraft instrumentation and electrical systems using electronic testing equipment and specialised test apparatus
- assembling parts and sub-assemblies of aircraft frames using hand and power tools
- · installing electrical circuits and equipment
- · conducting routine pre-flight inspections of engines,

aircraft frames and mechanical systems

OCCUPATIONS

- 4211-01 Supervisor, Aircraft Maintenance Engineers
- 4211-11 Aircraft Maintenance Engineer (Engines)
 Aircraft Engine Fitter (a)
 Aircraft Ground Engineer (Engines) (a)
 Aircraft Mechanic (Engines) (a)
 Examiner of Aircraft Engines (s)
 Licensed Aircraft Maintenance Engineer
 (Engines) (s)
 Line Maintenance Aircraft Engineer
 (Engines) (s)
- Aircraft Maintenance Engineer (Airframes)
 Aircraft Ground Engineer (Airframes) (a)
 Airframe Fitter (a)
 Airframe Mechanic (a)
 Examiner of Airframes (s)
 Licensed Aircraft Maintenance Engineer
 (Airframes) (s)
 Line Maintenance Aircraft Engineer
 (Airframes) (s)
- 4211-15 Aircraft Maintenance Engineer (Electrical)
 Aircraft Electrical Engineer (a)
 Aircraft Ground Engineer (Electrical) (a)
 Examiner of Aircraft (Electrical) (s)
 Licensed Aircraft Maintenance Engineer
 (Electrical) (s)
- 4211-17
 Aircraft Maintenance Engineer (Radio)
 Aircraft Ground Engineer (Radio) (a)
 Aircraft Mechanic (Radio) (a)
 Examiner of Aircraft Radio (s)
 Licensed Aircraft Maintenance Engineer
 (Radio) (s)
- 4211-19 Aircraft Maintenance Engineer
 (Instruments)
 Aircraft Ground Engineer (Instruments) (a)
 Aircraft Mechanic (Instruments) (a)
 Examiner of Aircraft Instruments (s)
 Licensed Aircraft Maintenance Engineer
 (Instruments) (s)
- 4211-91 Apprentice Aircraft Maintenance Engineer
 Apprentice Aircraft Ground Engineer (s)
 Apprentice Aircraft Mechanic (s)

4213 PRECISION METAL TRADESPERSONS

PRECISION METAL TRADESPERSONS fabricate, assemble, maintain and repair precision instruments. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

- assembling parts and sub-assemblies of precision implements, locks, timepieces and small arms using hand tools, measuring instruments and magnifying aids
- calibrating precision instruments using standard weights and measures, jigs and fixtures and hand tools to adjust and align parts and small balancing weights
- dismantling precision instruments, locks, timepieces and small arms, repairing or replacing defective parts and reassembling article using hand or power

GROUP DEFINITIONS TRADESPERSONS

tools or specially designed machines

- testing circuits in electronic timepieces using electronic testing equipment
- installing security systems, changing tumblers in locks, changing locks, cutting keys and opening locks by manipulation
- making blades for circular, band or other power saws and/or repairing, setting and sharpening blades for hand or power saws
- inscribing letters, figures and designs on surfaces of jewellery, trophies or other ornamental items

OCCUPATIONS

- 4213-01 Supervisor, Precision Metal Tradespersons
- 4213-11 Precision Instrument Maker and Repairer Instrument Fitter (a)
 Camera Repairer (s)
 Scalemaker and Adjuster (s)
 Scientific Instrument Maker and Repairer (c)
- 4213-13 Watch and Clock Maker and Repairer Watchmaker (a)
- 4213-15 Locksmith Safemaker (s)
- 4213-17 Saw Maker and Repairer Saw Doctor (a) Saw Sharpener (s)
- 4213-19 Gunsmith Armourer (a)
- 4213-21 Engraver
- 4213-91 Apprentice Precision Metal Tradesperson Apprentice Locksmith (s) Apprentice Saw Maker and Repairer (s) Apprentice Watch and Clock Repairer (s)

MINOR GROUP 43 ELECTRICAL AND ELECTRONICS TRADESPERSONS

ELECTRICAL AND ELECTRONICS TRADESPERSONS assemble, test and repair electrical and electronic systems, equipment and components.

Occupations in this minor group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Electrical and Electronics Tradespersons typically include examining and updating wiring and cable location diagrams; testing for, locating and repairing electrical malfunctions; cutting and connecting wiring and cables; assembling, fabricating and/or fitting electrical components using hand-held and power tools, and machinery; connecting electrical systems and appliances to power supply; joining air-conditioning ducting components; and filling refrigeration units with refrigerant.

Electrical and Electronic Engineering Associates and Technicians are excluded from this minor group because they are concerned more with the design and operation of complex electrical and electronic equipment than with its fabrication or maintenance. They are located in Unit Group 3201, Electrical and Electronic Engineering Associates and Technicians. Occupations involving the assembly and installation of simple electrical components on a production line are excluded because each involves only one phase in the manufacturing process and requires the performance of a narrow range of routine tasks. They are located in Minor Group 81, Trades Assistants and Factory Hands.

Occupations in this minor group are classified into the following unit groups:

- 4301 ELECTRICAL POWERLINE TRADESPERSONS
- 4303 ELECTRICAL FITTERS
- 4305 AUTOMOTIVE ELECTRICIANS
- 4307 REFRIGERATION AND AIR-CONDITIONING MECHANICS
- 4309 ELECTRICAL MECHANICS
- 4311 COMMUNICATIONS EQUIPMENT TRADESPERSONS
- 4313 RADIO AND TELEVISION SERVICERS
- 4315 OFFICE EQUIPMENT AND COMPUTER SERVICERS
- 4399 OTHER ELECTRICAL AND ELECTRONICS TRADESPERSONS

4301 ELECTRICAL POWERLINE TRADESPERSONS

ELECTRICAL POWERLINE TRADESPERSONS install, repair, maintain and monitor overhead and underground electric power distribution networks. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. State authorities issue licences for certain classes of work.

TASKS include:

- joining and splicing cables, and insulating wiring
- · changing layout of cable systems
- testing cables to ensure quality of performance and adequacy of insulation
- · installing and servicing aerial equipment
- laying, fixing and joining cross-layered polyethylene covered cable
- performing emergency repairs and de-energising of conductors

- maintaining location diagrams
- · driving vehicles
- · operating cranes and lifting devices
- · installing of earth stakes, poles and guy wires
- digging of holes and trenches using hand and power tools

OCCUPATIONS

- 4301-01 Supervisor, Electrical Powerline Tradespersons
- 4301-11 Electrical Linesman/woman
- 4301-13 Electrical Cable Jointer
- 4301-91 Apprentice Electrical Powerline Tradesperson Trainee Electrical Linesman/woman (a)

4303 ELECTRICAL FITTERS

ELECTRICAL FITTERS assemble, install, test and maintain electrical equipment and components, and service and repair domestic and commercial electrical appliances and equipment. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. State authorities issue licences for certain classes of work.

TASKS include:

- examining blueprints, wiring diagrams and specifications
- measuring and laying out installation reference points
- fabricating or modifying metal parts and assembling components using lathes, drilling machines, hand tools and welding equipment
- selecting, cutting and connecting wire or cable to terminals or connectors
- lubricating bearings and moving parts of mechanisms
- repairing or replacing faulty wiring and defective parts
- · reassembling and test-operating unit

OCCUPATIONS

4303-01 Supervisor, Electrical Fitters

4303-11 Electrical Equipment Fitter
Armature Winder (s)
Electrical Instrument Fitter (s)
Heavy Coil Winder (s)

4303-13 Electrical Appliance Servicer

4303-91 Apprentice Electrical Fitter

RELATED OCCUPATIONS

4213-11 Precision Instrument Maker and Repairer 4309-11 Electrical Mechanic

4305 AUTOMOTIVE ELECTRICIANS

AUTOMOTIVE ELECTRICIANS install, repair and maintain electrical wiring and components in automobiles. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. State authorities issue licences for certain classes of work.

TASKS include:

- installing gauges, alternators, capacitors, starter motors and other such electrical equipment
- · connecting electrical accessories to power supply
- testing for and locating electrical malfunctions
- · replacing defective items and parts
- · repairing defective ignition and electrical wiring

OCCUPATIONS

4305-01 Supervisor, Automotive Electricians

4305-11 Automotive Electrician
Automotive Electrical Fitter (a)

4305-91 Apprentice Automotive Electrician

4307 REFRIGERATION AND AIR-CONDITIONING MECHANICS

REFRIGERATION AND AIR-CONDITIONING MECHANICS assemble, install, service and repair refrigeration and air-conditioning units and systems. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. State authorities issue licences for certain classes of work.

TASKS include:

- measuring and laying out installation reference points
- installing refrigeration or air-conditioning components such as compressors
- installing compressors, motors, condensors, evaporators, switches, gauges and piping
- connecting piping and component parts to form complete circulatory system
- testing system for leaks using test gas or fluid and vacuum pumping equipment
- · filling units with refrigerant
- · servicing equipment, and testing for defects
- repairing or replacing defective parts, and recharging systems with refrigerant

OCCUPATIONS

- 4307-01 Supervisor, Refrigeration and Air-Conditioning Mechanics
- 4307-11 Air-Conditioning Mechanic Air-Conditioning Technician (a)
- 4307-13 Refrigeration Mechanic Refrigeration Fitter (a)
- 4307-91 Apprentice Refrigeration and Air-Conditioning Mechanic

4309 ELECTRICAL MECHANICS

ELECTRICAL MECHANICS install, maintain and repair electrical wiring and related equipment in houses, ships, trains, commercial and industrial sites and establishments. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. State authorities issue licences for certain classes of work.

- examining wiring diagrams and installation areas to determine layout of wiring system
- positioning and installing electrical switchboards

- · measuring, cutting and installing conduit
- · splicing wires by twisting and soldering
- connecting wires to circuit breakers, transformers, timers and other electrical equipment to complete circuit
- connecting power distribution system to power systems
- installing switches, light fittings and earthing systems
- testing circuits for safety, and checking for defects
- repairing or replacing defective components or systems

OCCUPATIONS

4309-01 Supervisor, Electrical Mechanics

4309-11 Electrical Mechanic Electrician (a). Electrical Contractor (s)

4309-13 Electrician (Special Class)

4309-91 Apprentice Electrical Mechanic Apprentice Electrician (a)

4311 COMMUNICATIONS EQUIPMENT TRADESPERSONS

COMMUNICATIONS EQUIPMENT TRADESPERSONS install, maintain and repair external telecommunications equipment, telecommunications appliances, electronic broadcasting and telecine equipment and instruments and systems used for monitoring and process control. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate. State authorities issue licences for certain classes of work.

TASKS include:

- · erecting, testing and maintaining aerial wires
- installing underground cables for telephone, radio and computer transmission
- installing telephones in homes and computerised switchboards in office blocks
- installing alarm, radar, medical monitoring, two-way radio and computer systems
- · dismantling and examining equipment
- locating defective components or circuitry using electronic testing instruments
- replacing or repairing defective components and parts, lines and cables
- assembling and soldering equipment

OCCUPATIONS

4311-01 Supervisor, Communications Equipment Tradespersons
Telecommunications Line Supervisor (a)

4311-11 Broadcasting Tradesperson Broadcasting Technician (a)

4311-13 Telecommunications Tradesperson Telecommunications Technician (a)

4311-15 Telecommunications Line

Serviceman/woman
Telecommunications Lineman/woman (a)
Radio Lineman/woman (s)
Telecommunications Cable Jointer (s)

4311-91 Trainee Communications Equipment Tradesperson
Telecommunications Line
Serviceman/woman-in-Training (s)
Telecommunications
Lineman/woman-in-Training (s)
Telecommunications
Technician-in-Training (s)
Trainee Telecommunications
Lineman/woman (s)

4311-99 Communications Equipment Tradespersons nec
Alarms Installer (s)

4313 RADIO AND TELEVISION SERVICERS

RADIO AND TELEVISION SERVICERS maintain and repair radio and television receivers, tape recorders, phonographs and video cassette recorders. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- observing reception to determine nature of malfunction
- performing voltage and resistance tests and waveform check using electronic testing equipment
- adjusting controls of colour receiver using colour bar generator
- examining motors of record turntables and tape recorders
- repairing or replacing defective parts

OCCUPATIONS

4313-01 Supervisor, Radio and Television Servicers

4313-11 Radio and Television Servicer
Radio and Television Repairer (a)
Radio Mechanic (s)
Television Mechanic (s)
Video Technician (s)

4313-91 Apprentice Radio and Television Servicer

4315 OFFICE EQUIPMENT AND COMPUTER SERVICERS

OFFICE EQUIPMENT AND COMPUTER SERVICERS install, service and repair computer hardware, vending machines, typewriters, calculating, adding and book-keeping machines, cash registers and other such office equipment. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

GROUP DEFINITIONS TRADESPERSONS

TASKS include:

- · dismantling machines and examining components
- adjusting, repairing and replacing worn or defective parts using hand tools and soldering equipment
- · lubricating moving parts
- setting up test equipment to evaluate functional and operational performance and locate circuitry defects
- · repairing and replacing defective wiring
- · reassembling machinery

OCCUPATIONS

- 4315-01 Supervisor, Office Equipment and Computer Servicers
- 4315-11 Office Equipment Servicer
 Business Equipment Mechanic (a)
- 4315-13 Computer Servicer Computer Technician (a)
- 4315-91 Trainee Office Equipment and Computer Servicer
 Apprentice Office Equipment and Computer Servicer (s)

4399 OTHER ELECTRICAL AND ELECTRONICS TRADESPERSONS

This unit group covers occupations not elsewhere classified in Minor Group 43, Electrical and Electronics Tradespersons.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

OCCUPATIONS

- 4399-01 Supervisor, Other Electrical and Electronics Tradespersons Supervisor, Lift Mechanics (s)
- 4399-11 Lift Mechanic Lift Electrician (a)
- 4399-13 Vending Machine Servicer
 Amusement Machine Mechanic (s)
 Poker Machine Servicer (s)
- 4399-99 Electrical and Electronics Tradespersons nec
 Apprentice Electronic Instrumentation Tradesperson (s)
 Electronic Instrument and Control Tradesperson (s)
 Electronic Instrument Tradesperson (Complex Systems) (s)

MINOR GROUP 44 BUILDING TRADESPERSONS

BUILDING TRADESPERSONS construct, install, and repair buildings, civil engineering structures, plumbing and theatrical sets; finish surfaces by tiling or applying sheet materials or liquids; and design and paint signs.

Occupations in this minor group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Building Tradespersons typically include examining plans and specifications; selecting appropriate materials, components and fittings; erecting scaffolding; cutting, mixing, assembling and/or applying materials and components to achieve desired effect, using a variety of hand-held, power and other tools; checking accuracy of work; repairing and replacing damaged fixtures and sections of structures and surfaces; and cleaning equipment and work area.

This minor group includes Joiners, although they work off site, because they construct fixtures which are installed as structural components of buildings.

Cabinetmakers are excluded from this minor group because the items they fabricate are not structural components of buildings. They are located in Unit Group 4903, Cabinetmakers.

Occupations in this minor group are classified into the following unit groups:

- 4401 CARPENTERS AND JOINERS
- 4403 BRICKLAYERS
- 4405 PAINTERS, DECORATORS AND SIGNWRITERS
- 4407 PLASTERERS
- 4409 PLUMBERS
- 4411 ROOF SLATERS AND TILERS
- 4413 WALL AND FLOOR TILERS

4401 CARPENTERS AND JOINERS

CARPENTERS AND JOINERS construct, erect, install, renovate and repair wooden structures and fixtures used in internal and external building frameworks, dams, bridges and theatrical sets. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate in carpentry and/or joining. State Licensing Boards may require self-employed tradespersons to be registered.

TASKS include:

- determining details of work from plans and specifications
- · selecting appropriate timber and materials
- cutting timber to size using hand or power tools
- · assembling and installing fixtures and structures
- checking the accuracy of work with a square rule and spirit level

COMMENTS

Materials other than wood may be used, such as plastic laminates, perspex and metals.

OCCUPATIONS

4401-01 Supervisor, Carpenters and Joiners

4401-11 Carpenter

Fixing Carpenter (s)
Formwork Carpenter (s)
Prop and Scenery Maker (s)
Shop Fitter (s)

4401-13 Joiner

Joinery Patternmaker (s) Joinery Setter-out (s)

4401-91 Apprentice Carpenter and Joiner

Apprentice Carpenter (s) Apprentice Joiner (s)

RELATED OCCUPATIONS

4901	Wood Machinists and Turners
4903	Cabinetmakers
4905	Other Wood Tradespersons

4403 BRICKLAYERS

BRICKLAYERS lay bricks, stones, tiles and building blocks to construct and repair structures such as walls, foundations and arches; or equipment such as boilers, industrial ovens, furnaces, kilns and smelters. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate in bricklaying. State Licensing Boards may require self-employed tradespersons to be licensed.

TASKS include:

- · examining plans and specifications
- erecting scaffolding and positioning supporting frames for brickwork
- spreading mortar over bricks, blocks or tiles and laying in place, removing excess mortar with trowel
- checking each row for vertical and horizontal alignment
- · shaping bricks to fit irregular spaces
- spreading high heat plastic refractory mixes over exposed brickwork to prevent deterioration
- repairing and maintaining brick and related structures and equipment

OCCUPATIONS

4403-01 Supervisor, Bricklayers

4403-11 Bricklayer
Blocklayer (a)
Arch Builder (s)
Chimney Builder (s)
Refractory Bricklayer (s)
Retort Setter (Bricklaying) (s)
Tuckpointer (s)

4403-91 Apprentice Bricklayer

4405 PAINTERS, DECORATORS AND SIGNWRITERS

PAINTERS, DECORATORS AND SIGNWRITERS apply paint, varnish and other finishes to walls and ceilings, or cover them with paper, vinyl or fabrics, to protect and decorate surfaces of domestic, commercial and industrial buildings; or design and paint signs for displays, buildings and other structures. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate in painting, decorating and/or signwriting.

TASKS include:

- studying proposals, sketches or written instructions and conferring with client to confirm nature and style of work to be undertaken
- determining type and quantity of materials required
- erecting scaffolding and setting up brushes and equipment
- · preparing surfaces by cleaning and sanding
- selecting and mixing paint or adhesive
- marking out and painting sign, wall or other surface using roller, spraygun or brush and metal stick
- · cleaning and maintaining equipment and work area
- applying paper, vinyl, fabric or similar wall covering materials

OCCUPATIONS

4405-01 Supervisor, Painters, Decorators and Signwriters

4405-11 Painter and Decorator Industrial Painter (Structures) (s)

4405-13 Paperhanger

4405-15 Signwriter Signcraftsman/woman (a)

4405-91 Apprentice Painter, Decorator and Signwriter

4407 PLASTERERS

PLASTERERS apply plaster, cement or similar materials and fix fibrous sheets to the interior or exterior of domestic and commercial buildings. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate in plastering.

TASKS include:

- · erecting scaffolding
- mixing plaster to desired consistency, applying and smoothing coats of plaster using a trowel and creating decorative textures in finish coats
- · straightening corners, angles and surfaces
- finishing surfaces with acoustic, insulating and fireproofing materials
- determining fibreboard layout and installing insulation and vapour barriers
- measuring and marking surfaces to prepare them for fibreboard installation
- cutting fibreboard and fixing it in place, securing with metal corner beads
- · covering joins and nail holes and finishing surface

OCCUPATIONS

4407-01 Supervisor, Plasterers

4407-11 Solid Plasterer Cement Plasterer (a) Cement Renderer (a)

4407-13 Fibrous Plasterer
Fibrous Plaster Fixer (a)
Fibrous Plaster Setter (a)
Plasterboard Fixer (a)

4407-91 Apprentice Plasterer

4409 PLUMBERS

PLUMBERS install and repair pipelines, plumbing and related equipment for water, gas, sewerage and other systems in residential, commercial and industrial establishments. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate in plumbing. Plumbers are registered by state authorities, and licensing may be obtained in various areas of plumbing after further study.

TASKS include:

- determining layout of pipeline systems and materials required from drawings and specifications
- locating and marking positions for connections, fixtures etc., and areas of trenches to be excavated
- cutting holes and excavating through floors and walls and directing excavation for tanks, sullage pits and transpiration beds
- · measuring, cutting, threading and bending pipes
- welding, threading, cementing or soldering pipes together
- assembling and installing pipelines, connecting pipes to various components, equipment and appliances
- testing and adjusting lines, control mechanisms and sewerage systems
- ensuring compliance with relevant codes and by-laws

OCCUPATIONS

4409-01 Supervisor, Plumbers Supervisor, Drainers (s) Supervisor, Gas Fitters (s)

4409-11 Plumber (General)
Pipe Fitter (Plumbing) (s)
Pipe Jointer (s)
Roof Plumber (s)
Sprinkler Fitter (s)

4409-13 Gasfitter
Gas-main and Line Fitter (a)
Leadburner (s)
Liquid Petroleum Gasfitter (s)
Pinpointer (s)

4409-15 Drainer
Drain Cleaner (s)
Septic Tank Installer (s)

4409-91 Apprentice Plumber
Apprentice Drainer (s)
Apprentice Gasfitter (s)
Apprentice Leadburner (s)
Apprentice Sprinkler Fitter (s)

4411 ROOF SLATERS AND TILERS

ROOF SLATERS AND TILERS cover structures with roof tiles, sheets or shingles to form a waterproof surface. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate. State Licensing Boards may require self-employed tradespersons to be licensed.

TASKS include:

- determining layout for tiles and materials required from drawings and specifications
- erecting ladders and scaffolding and securing waterproof sheets under eaves
- · nailing or stapling roof underlay to roof
- aligning and securing starter row of roofing material, and laying successive overlapping layers
- cutting roofing material to fit around vents, chimney edges, ridges and corners
- · fixing edge and ridge tiles in mortar or cement

OCCUPATIONS

4411-01 Supervisor, Roof Slaters and Tilers

4411-11 Roof Slater and Tiler Roof Fixer (s) Roof Shingler (s)

4411-91 Apprentice Roof Slater and Tiler

4413 WALL AND FLOOR TILERS

WALL AND FLOOR TILERS lay various types of tiles on external and internal walls and floors to provide a protective and decorative finish. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate. State Licensing Boards may require self-employed tradespersons to be licensed.

TASKS include:

- examining plans, measuring and marking surface to be covered and laying out work
- preparing surface by removing old tile, grout and adhesive, and cleaning with soap and water
- spreading adhesive onto surface, setting tile in position and aligning it using level, square, plumb line and straight-edge
- · cleaning tiles and removing excess grout

OCCUPATIONS

4413-01 Supervisor, Wall and Floor Tilers

4413-11 Wall and Floor Tiler
Wall and Floor Tile Fixer (a)
Ceramic Tiler (s)
Mosaic Tiler (s)
Terrazzo Floor Layer (s)

4413-91 Apprentice Wall and Floor Tiler

GROUP DEFINITIONS TRADESPERSONS

MINOR GROUP 45 PRINTING TRADESPERSONS

PRINTING TRADESPERSONS prepare, set and duplicate type prior to printing, reproduce camera-ready copy onto film, plate, cylinder or screen printing stencil, set up and operate all types of printing machines, and bind and finish the printed products.

Occupations in this minor group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Printing Tradespersons typically include composing and making up pages for typesetting; making plastic or rubber moulds of formes for duplicates needed in multiple and/or long printing runs; treating film, plates, cylinders and moulds with chemicals; setting up, operating and monitoring machines used in typesetting, photographing copy, printing and cutting, folding, collating and binding printed material; finishing book covers and edges using hand tools; performing routine maintenance and minor repairs on machinery; and cleaning equipment.

Occupations in this minor group are classified into the following unit groups:

- 4501 COMPOSITORS
- 4503 GRAPHIC REPRODUCTION TRADESPERSONS
- 4505 PRINTING MACHINISTS
- 4507 BINDERS AND FINISHERS
- 4509 STEREOTYPERS AND ELECTROTYPERS
- **4511 SCREEN PRINTERS**

4501 COMPOSITORS

COMPOSITORS set and lay out type and other material by hand or machine prior to printing. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- planning and composing pages in metal, bromide or film
- setting up and operating keyboard controlled type-casting machines
- · casting lines of type in hot metal and/or cold type
- entering and manipulating copy on visual display terminals of computerised phototypesetting systems
- processing output from computerised system to obtain image on bromide or film

OCCUPATIONS

4501-01 Supervisor, Compositors

4501-11 Compositor Typesetter (s)

4501-91 Apprentice Compositor

4503 GRAPHIC REPRODUCTION TRADESPERSONS

GRAPHIC REPRODUCTION TRADESPERSONS prepare and develop film (in negative or positive form), printing plates or cylinders for gravure printing. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- operating photographic equipment to reproduce camera-ready copy onto film, plate or cylinder
- · treating plates and cylinders chemically
- · developing film positives or negatives or bromides
- chrome-plating and polishing plates and cylinders
- dot etching, retouching and correcting film
- printing and examining proofs to check quality and correcting where necessary

OCCUPATIONS

4503-01 Supervisor, Graphic Reproduction Tradespersons

4503-11 Plate Preparer (Printing)
Plate Maker(Printing) (a)
Etcher-Finisher (Photo Engraving) (s)
Flexographic Plate Maker (s)
Gravure Plate Preparer (s)
Letterpress Plate Maker (s)
Lithographic Plate Preparer (s)
Proofer-Finisher (Printing) (s)

4503-13 Cylinder Preparer (Printing)
Cylinder Reviser (s)
Depositor and Grinder (s)
Proofer (Printing) (s)

4503-15 Image Preparer (Printing)
Electronic Scanner Operator (Printing) (s)
Process Camera Operator (Printing) (s)
Retoucher and Planner (Printing) (s)

4503-91 Apprentice Graphic Reproduction Tradesperson

4505 PRINTING MACHINISTS

PRINTING MACHINISTS set up and operate letterpress, lithographic, flexographic, gravure, newspaper, small offset or screen printing presses. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- preparing image material, photoengravings, stereotypes, electrotypes, hot metal type and/or printing plates
- setting and adjusting paper-feed mechanism, delivery mechanism, cylinders, inking and distributor rollers and other machine functions
- selecting, matching and mixing coloured inks and regulating paper and ink supply during print run
- · monitoring machine operation and printing quality
- maintaining production records
- cleaning and maintaining, presses and performing minor repairs

OCCUPATIONS

4505-01 Supervisor, Printing Machinists

4505-11 Letterpress Printing Machinist

4505-13 Lithographic Printing Machinist

4505-15 Flexographic or Gravure Printing Machinist

4505-17 Newspaper Press Machinist (Metropolitan)

4505-19 Small Offset Printing Machinist

4505-91 Apprentice Printing Machinist

4507 BINDERS AND FINISHERS

BINDERS AND FINISHERS bind and/or finish books and printed products by hand or machine. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- binding books and repairing book bindings
- · edge-gilding, bevelling, marbling or otherwise

finishing book covers using hand tools

- folding, collating and sewing signatures (sheets) by hand or machine
- cutting and trimming paper using manual and automatic guillotines
- operating machines to bind and finish books and other printed products

OCCUPATIONS

4507-01 Supervisor, Binders and Finishers

4507-11 Binder and Finisher
Paper Guillotine Operator (Bookbinding) (s)

4507-91 Apprentice Binder and Finisher

4509 STEREOTYPERS AND ELECTROTYPERS

STEREOTYPERS AND ELECTROTYPERS make duplicates of prepared formes (assemblages) of type and other material for long-run or multiple printing operations. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- pressing pliable rubber or plastic matrix against forme to make mould
- pouring molten metal into mould either by hand or casting machine
- trimming, shaving or levelling plate using hand tools or machines
- treating and electroplating moulds chemically
- maintaining plating baths and repairing damaged plates
- · filing and storing matrices

OCCUPATIONS

4509-01 Supervisor, Stereotypers and Electrotypers

4509-11 Stereotyper and Electrotyper

4509-91 Apprentice Stereotyper and Electrotyper

4511 SCREEN PRINTERS

SCREEN PRINTERS make stencils either by hand or photographically for use by a screen printing machine or on a hand bench, print from stencil using machine or bench. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- designing work for hand-cut or photographic stencils
- · hand-cutting stencils

GROUP DEFINITIONS TRADESPERSONS

- · tracing stencils from master sketches
- preparing photographic stencils
- · applying stencils to screens
- operating a camera, preparing and exposing fine and coarse screen, half tone and line, wet and/or dry plate or film negatives and positives
- printing on paper or fabric using stencil, screen and ink, or dye-impregnated sponge or cloth, or using printing machine

OCCUPATIONS

4511-01 Supervisor, Screen Printers

4511-11 Screen Printer Screen Printing Stencil Preparer (s)

4511-91 Apprentice Screen Printer

MINOR GROUP 46 VEHICLE TRADESPERSONS

VEHICLE TRADESPERSONS repair motor vehicles, construct and paint specialised vehicle bodies, and fit or replace interior trim and upholstery in vehicles.

Occupations in this minor group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Vehicle Tradespersons typically include assessing faults and damage, and estimating repair and replacement costs; dismantling engines, or removing damaged panels or interior trim; repairing faulty parts using a variety of machines and hand-held tools; making and fitting replacement parts; painting repaired vehicle surfaces; and constructing, modifying, painting and upholstering specialised vehicle bodies.

This minor group includes trimmers who work on aircraft, train and boat upholstery because their tasks are similar to the tasks of those who work on road vehicles and are often performed by the same persons.

Occupations concerned with the manufacture of production-line vehicles are excluded from this minor group because each involves only one phase in the manufacturing process and requires the performance of a narrow range of routine tasks. They are located in Minor Group 81, Trades Assistants and Factory Hands. Vehicle Accessories Fitters are also excluded because they perform a narrow range of routine tasks. They are located in Unit Group 8923, Vehicle Accessories Fitters. Diesel Fitter-Mechanics are excluded because they fabricate replacement parts rather than installing pre-fabricated parts. They are located in Unit Group 4103, Metal Fitters and Machinists.

Occupations in this minor group are classified into the following unit groups:

4601 VEHICLE MECHANICS

4603 PANEL BEATERS

4605 VEHICLE PAINTERS

4607 VEHICLE BODY MAKERS

4609 VEHICLE TRIMMERS

4601 VEHICLE MECHANICS

VEHICLE MECHANICS maintain, test and repair motor vehicles, parts and sub-assemblies and repair small engines and other propulsion or associated systems in boats, motor cycles and like equipment. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. State authorities may issue licences for certain classes of work.

TASKS include:

- diagnosing faults by listening to engine or operating specialised testing equipment
- removing engine, transmission or differential assemblies using hand tools and lifting equipment
- · dismantling assembly, checking parts
- · repairing or replacing defective parts
- reassembling, testing and adjusting sub-assembly, reinstalling in vehicle
- tuning engine
- relining and adjusting brakes, replacing worn shock absorbers, changing oil and air filters, lubricating vehicle parts

OCCUPATIONS

- 4601-01 Supervisor, Vehicle Mechanics
- 4601-11 Motor Mechanic
 Automotive Air-Conditioning Mechanic (s)
 Brake Mechanic (s)
 Diesel Motor Mechanic (s)
- 4601-13 Small Engine Mechanic Lawnmower Mechanic (s) Motorcycle Mechanic (s) Outboard Motor Mechanic (s)
- 4601-91 Apprentice Motor Mechanic
 Apprentice Brake Mechanic (s)
 Apprentice Diesel Motor Mechanic (s)
 Apprentice Motorcycle Mechanic (s)
 Apprentice Small Engine Mechanic (s)

RELATED OCCUPATIONS

4103 Metal Fitter and Machinists 7303-13 Marine Engine and Boiler Operator

4603 PANEL BEATERS

PANEL BEATERS repair motor vehicle bodies and panels. They may supervise, or receive training in,

GROUP DEFINITIONS TRADESPERSONS

occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. State authorities may issue licences for certain classes of work.

TASKS include:

- removing damaged panels and parts or removing upholstery and accessories to gain access to damaged areas
- placing specially shaped metal tools against dented surface and pounding opposite surface with hammer to remove dents
- straightening badly damaged vehicles using mechanical and hydraulic equipment
- filling depressions with plastic filler, filing, grinding and sanding repaired surfaces

OCCUPATIONS

4603-01 Supervisor, Panel Beaters

4603-11 Panel Beater

4603-91 Apprentice Panel Beater

4605 VEHICLE PAINTERS

VEHICLE PAINTERS prepare vehicle surfaces, mix paint colours and spray-paint vehicles. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- · filing or chiselling rough spots
- sanding surfaces by hand or with electric sander
- covering areas not to be painted with masking tape and paper
- selecting or mixing paint shade to match existing vehicle colour
- applying primer and finish coats with spray-gun, rubbing down surface between coats
- removing masking papers, waxing and polishing finished paintwork

OCCUPATIONS

4605-01 Supervisor, Vehicle Painters

4605-11 Vehicle Painter

4605-91 Apprentice Vehicle Painter

4607 VEHICLE BODY MAKERS

VEHICLE BODY MAKERS fabricate and repair specialised vehicle bodies including bus, fire engine,

coach, carriage and wagon bodies. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- constructing framework sections in metal, wood, fibreglass or substitute materials using stretching and shrinking machinery and welding equipment
- bolting, screwing, rivetting or welding sections together to form complete framework
- cutting and shaping panels of sheetmetal, aluminium or reinforced plastic and attaching to framework using hand and power tools
- altering assembly line vehicles to special requirements

OCCUPATIONS

4607-01 Supervisor, Vehicle Body Makers

4607-11 Vehicle Body Maker Vehicle Body Builder (a) Coach Builder (s)

4607-91 Apprentice Vehicle Body Maker

4609 VEHICLE TRIMMERS

VEHICLE TRIMMERS make, install, repair and replace the interior trimmings and upholstery of vehicles. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- removing old coverings or fittings from vehicle and taking new measurements
- selecting and cutting pieces of fabric, vinyl or leather using shears or electrical tools
- sewing pieces together using heavy duty sewing machine
- installing lining, floor coverings and arm rests in vehicle
- attaching door trims, rubber seals, locks and handles

OCCUPATIONS

4609-01 Supervisor, Vehicle Trimmers

4609-11 Vehicle Trimmer Vehicle Upholsterer (s)

4609-91 Apprentice Vehicle Trimmer

MINOR GROUP 47 FOOD TRADESPERSONS

FOOD TRADESPERSONS perform the more complex tasks in various stages of the preparation of food, applying technical expertise and knowledge of the properties of food.

Occupations in this minor group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Food Tradespersons typically include slaughtering livestock and cutting carcasses into standard cuts of meat; milling grains; selecting, measuring, cutting up, mixing and shaping ingredients using various techniques and appliances; cooking foodstuffs using ovens, hotplates, grills and similar equipment, and chilling food, monitoring temperature and elapsed time throughout; and planning menus, considering factors of nutrition, taste, colour and texture.

Occupations involving the operation of a single food processing machine to perform one phase in the manufacturing process are excluded from this minor group. They are located in Unit Group 7431, Food Processing Machine Operators.

Occupations in this minor group are classified into the following unit groups:

4701 MEAT TRADESPERSONS

4703 BAKERS AND PASTRYCOOKS

4705 COOKS

4799 OTHER FOOD TRADESPERSONS

4701 MEAT TRADESPERSONS

MEAT TRADESPERSONS slaughter livestock, cut, trim, select and prepare meat to be packed and sold to establishments (e.g. restaurants and smallgoods manufacturers) or to the public. They may supervise or receive training in, occupations in this group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. A licence, permit or lease to operate is required by local government authorities.

TASKS include:

- slaughtering livestock (including poultry) in abbatoirs
- cutting or sawing carcasses into manageable proportions
- cutting or trimming standard cuts of meat using hand tools or power equipment
- · removing bones
- feeding boneless meat through roller cutter of cubing machine to cube or tenderise
- operating mincer (grinder), mixer, patty-forming or sausage-forming machinery
- · seasoning, pickling or curing meat
- · shaping and tying roasts and poultry

OCCUPATIONS

4701-01 Supervisor, Meat Tradespersons Supervisor, Abattoir Workers (s) Supervisor, Smallgoods Makers (s)

4701-11 Butcher

4701-13 Smallgoods Maker

4701-15 Slaughterman/woman

4701-91 Apprentice Meat Tradesperson
Apprentice Butcher (s)
Apprentice Slaughterman/woman (s)
Apprentice Smallgoods Maker (s)

4703 BAKERS AND PASTRYCOOKS

BAKERS AND PASTRYCOOKS prepare and bake buns, cakes, bread loaves and rolls, and operate forming machines to make biscuits. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. 2 years on-the-job training is the usual.

TASKS include:

- checking cleanliness and operation of equipment before production runs to ensure health and safety regulations are met
- weighing and mixing ingredients
- mixing, kneading, cutting, moulding and shaping dough by hand
- operating machines which roll and mould dough or cut biscuits
- adjusting moulding dies, cutters or rollers on machines
- · co-ordinating the loading and unloading of ovens
- monitoring baking times, temperatures and appearance of products

OCCUPATIONS

4703-01 Supervisor, Bakers and Pastrycooks

4703-11 **Pastrycook**

Cake Decorator (s)

4703-13 Baker

Doughmaker (s)

4703-15 Biscuit Maker

4703-91 Apprentice Baker and Pastrycook

4705 COOKS

COOKS plan menus, and prepare and cook food in catering, dining, domestic or other establishments. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- planning menus on the basis of available ingredients, preferred style, and customers' tastes
- · requisitioning food, kitchen supplies and equipment
- · examining foodstuffs to ensure quality
- preparing and cooking meat, fish, vegetables and other foods using a variety of methods
- seasoning food during cooking according to personal judgement, experience or recipes
- food, adding sauces, gravies and
- cleaning or supervising cleaning of utensils, dishes, equipment and work area

OCCUPATIONS

Supervisor, Cooks Executive Chef (s) 4705-01

4705-11 Chef Sous-Chef (s)

4705-13 Qualified Cook

4705-91 Apprentice Cook >

4705-99 Cooks nec Domestic Cook (s) Shearers' Cook (s)

RELATED OCCUPATIONS

7431-27 Food Factory Cook Kitchenhands

4799 OTHER FOOD TRADESPERSONS

This unit group covers occupations not elsewhere classified in Minor Group 47, Food Tradespersons.

The entry requirement for this unit group is a trade or apprenticeship certificate. A certificate or licence from an appropriate state authority may be required to

practise as a Buttermaker or Cheesemaker.

OCCUPATIONS

Supervisor, Other Food Tradespersons Supervisor, Buttermakers (s) Supervisor, Cheesemakers (s) Supervisor, Confectioners (s) Supervisor, Millers (s) 4799-01

4799-11 Stockfeed Miller (s)

Confectioner

4799-13 Buttermaker 4799-15 Cheesemaker

4799-17

4799-91 Apprentice, Other Food Trades

Apprentice Buttermaker (s) Apprentice Cheesemaker (s) Apprentice Confectioner (s)

4799-93 Trainee Miller

MINOR GROUP 48 AMENITY HORTICULTURAL TRADESPERSONS

AMENITY HORTICULTURAL TRADESPERSONS propagate and nurture plants, and establish and maintain gardens and surfaces on which sports are played.

Occupations in this minor group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Amenity Horticultural Tradespersons typically include preparing soil for planting; planting seeds, propagating plants by budding or grafting, and transplanting seedlings; fertilising soil at regular intervals; operating irrigation systems to water plants and turf; removing pests, weeds and garden debris, and treating diseased plants; maintaining turf or synthetic surfaces, and repairing or replacing damaged sections; preparing plants for sale in nurseries, and turf for sporting events; planning and constructing domestic garden and other landscapes; and recording dates and other details of plantings, yields and treatments.

Landscape Architects are excluded from this minor group because they are concerned solely with the design rather than the construction of landscapes. They are located in Unit Group 2201, Architects and Landscape Architects.

Occupations in this minor group are classified into the following unit groups:

4801 NURSERYMEN/WOMEN

4803 GREENKEEPERS

4805 GARDENERS

4801 NURSERYMEN/WOMEN

NURSERYMEN/WOMEN propagate and nurture trees, shrubs, ornamental and flowering plants in a plant nursery. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- preparing potting media or containers for planting
- selecting and planting seeds, bulbs or cuttings and propagating plants by budding and grafting
- recording soil mixtures, plantings, treatments, losses and yields
- watering plants and controlling automatic watering operations
- controlling pests, diseases, weeds and nutritional and environmental plant disorders
- selecting and packaging plants for presentation and delivery

OCCUPATIONS

4801-01 Supervisor, Nurserymen/women Supervisor, Plant Nursery (s)

4801-11 Nurseryman/woman Plant Propagator (a)

4801-91 Apprentice Nurseryman/woman

4803 GREENKEEPERS

GREENKEEPERS establish fine turf and lawns and maintain grassed or synthetic surfaces used for sport. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- mowing, rolling and levelling turf using hand or power driven equipment
- installing, maintaining and operating irrigation and drainage systems
- repairing green damage and controlling pests, diseases and weeds
- installing nets, posts and stumps, marking out lines and logos to prepare ground for play

OCCUPATIONS

4803-01 Head Greenkeeper
Head Groundsman/woman (a)
Golf Course Superintendent (s)
Sporting Facility Curator (s)

4803-11 Greenkeeper Groundsman/woman (a)

4803-91 Apprentice Greenkeeper

GROUP DEFINITIONS TRADESPERSONS

4805 GARDENERS

GARDENERS cultivate and maintain plants, plan and construct gardens, landscapes, inspect and treat plants to improve their health and appearance. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate or a 3 year diploma in landscape gardening. Up to 1 year on-the-job training is usual for Tree Surgeons.

TASKS include:

- drawing and interpreting plans and preparing landscape construction schedules
- · estimating and ordering landscaping materials
- planting and transplanting lawns, flowers, shrubs and trees
- · mowing lawns using hand or power driven mowers
- pruning, fertilising and watering plants and controlling pests and diseases
- · constructing garden features and facilities
- felling trees and lopping limbs using chain or hand saws
- treating damaged or diseased trees with protective materials

OCCUPATIONS

- 4805-01 Head Gardener Supervisor, Landscape Gardeners (s)
- 4805-11 Gardener (General)
- 4805-13 Landscape Gardener Landscape Horticulturist (a)
- 4805-15 Tree Surgeon Arboriculturist (a) Tree Doctor (a)
- 4805-91 Apprentice Gardener
 Apprentice Landscape Gardener (s)

MINOR GROUP 49 MISCELLANEOUS TRADESPERSONS

This residual minor group covers occupations in Major Group 4, Tradespersons, which are not included in Minor Groups 41-48 above.

Occupations in this minor group are classified into the following unit groups:

4901 WOOD MACHINISTS AND TURNERS 4903 CABINETMAKERS 4905 OTHER WOOD TRADESPERSONS 4907 MARINE CONSTRUCTION TRADESPERSONS 4909 **BLASTING TRADESPERSONS** 4911 **GARMENT TRADESPERSONS** 4913 UPHOLSTERERS AND BEDDING TRADESPERSONS 4915 SHOEMAKING AND REPAIRING TRADESPERSONS 4917 OTHER LEATHER AND CANVAS TRADESPERSONS 4919 FLOOR COVERERS 4921 GLASS TRADESPERSONS 4923 JEWELLERY AND PRECIOUS METALWARE TRADESPERSONS 4925 **CRAFTWORKERS** 4927 **HAIRDRESSERS**

4901 WOOD MACHINISTS AND TURNERS

SHEEP SHEARERS

ANIMAL TRAINERS

OTHER TRADESPERSONS

4929

4931

4999

WOOD MACHINISTS AND TURNERS set up and operate woodworking machines and wood turning lathes to shape wood stock. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate. For Wood Machinists (B-Grade) and Wood Machinists (C-Grade) 6-12 months and 1-2 months on-the-job training respectively is usual.

TASKS include:

- determining job requirements from drawings, specifications, work orders or sample parts
- installing selected cutting edge or drill bit in woodworking machine
- installing guides, fixtures or jigs to table or bed of machine, adjusting angle and height of table and adjusting feed rollers to control movement of workpiece
- operating machine to cut, plane, shape and sand workpiece
- positioning wood stock in wood turning lathe, and adjusting turning speed of lathe
- placing selected chisel in contact with rotating wood stock to cut and shape workpiece

OCCUPATIONS

4901-01 Supervisor, Wood Machinists and Turners

- 4901-11 Wood Machinist (A-Grade)
 Automatic Profile Sander Operator (s)
 Copy Lathe Operator (s)
 Double-End Tenoner Operator (s)
 Edge Bander Operator (s)
 Jig Maker (Wood) (s)
 Panel Saw Operator (s)
 Program Router Cutter (s)
 Woodworking Machine Setter (s)
- 4901-13 Wood Turner Wood Turning Lathe Operator (s)
- 4901-15 Wood Machinist (B-Grade)
- 4901-17 Wood Machinist (C-Grade)
- 4901-91 Apprentice Wood Machinist
- 4901-93 Apprentice Wood Turner

4903 CABINETMAKERS

CABINETMAKERS fabricate and assemble wooden parts to make and repair furniture. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- determining job requirements from drawings or other specifications and selecting wood and/or prepared furniture parts
- marking out, cutting and shaping wood using saws, chisels, planes, powered hand tools and woodworking machines to form furniture parts
- fitting parts together to form sections of furniture using glue, clamps, nails, dowels or screws
- assembling sections of furniture to form completed article
- · fitting hinges, locks, catches, drawers and shelves
- repairing damaged furniture and cabinets

OCCUPATIONS

4903-01 Supervisor, Cabinetmakers

4903-11 Cabinetmaker
Antique Furniture Reproducer (s)
Antique Furniture Restorer (s)
Chairmaker (s)
Coffin Maker (s)
Couchmaker (s)
Custom Furniture Maker (s)

4903-91 Apprentice Cabinetmaker

4905 OTHER WOOD TRADESPERSONS

OTHER WOOD TRADESPERSONS carve designs in wood, apply finishes to furniture, make picture frames, models or barrels from wood or make cane furniture. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- carving ornamental designs in wood for furniture, panelling and other decorative purposes using gauges, knives, chisels and mallet or other hand tools and woodworking machines
- cutting out and assembling mouldings to make picture frames using hand and power tools
- assembling wooden staves to make barrels, casks and vats using metal or wooden hoops, tressing machines and hand tools
- preparing furniture for finishing or refinishing using solvents and abrasive materials
- applying stains, varnish, paint and other finishes to furniture, and polishing and waxing surfaces
- constructing full size or scale models of production line items using measuring instruments and woodworking tools and machines
- shaping and joining cane rods and weaving cane around structure to make furniture using clamps, shaping device, hand tools and fasteners

OCCUPATIONS

4905-01 Supervisor, Other Wood Tradespersons
Supervisor, Cane Furniture Makers (s)
Supervisor, Coopers (s)
Supervisor, Furniture Finishers (s)
Supervisor, Picture Framers (s)
Supervisor, Wood Carvers (s)

STRUCTURE AND GROUP DEFINITIONS

4905-11 Wood Carver

4905-13 Picture Framer Picture Frame Maker (a)

4905-15 Cooper

4905-17 Cane Furniture Maker

4905-19 Furniture Finisher
Furniture Polisher (a)
French Polisher (s)

4905-21 Model Maker

4905-91 Apprentice, Other Wood Trades
Apprentice Cane Furniture Maker (s)
Apprentice Cooper (s)
Apprentice Furniture Finisher (s)
Apprentice Model Maker (s)
Apprentice Picture Framer (s)
Apprentice Wood Carver (s)

4907 MARINE CONSTRUCTION TRADESPERSONS

MARINE CONSTRUCTION TRADESPERSONS fabricate, install and repair structural sections and components of ships and boats. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- constructing templates of ship or boat parts to be fabricated
- marking lines and reference points on dry dock, slipway or layout floor and on material used for fabrication of boat parts
- · preparing slipway for construction of ship or boat
- assembling shell of boat or erecting hull sections of ship and temporarily securing them
- building and/or installing masts, booms, decking and other structures and fittings
- repairing, or removing and replacing, damaged plating and other faulty units, fittings and accessories

OCCUPATIONS

4907-01 Supervisor, Marine Construction Tradespersons

4907-11 Shipwright
Loftsman/woman (Marine) (s)
Metal Liner-off (s)
Ship's Carpenter (s)

4907-13 Boat Builder and Repairer

4907-91 Apprentice Marine Construction Tradesperson
Apprentice Boatbuilder (s)
Apprentice Ship's Carpenter (s)
Apprentice Shipwright (s)

4909 BLASTING TRADESPERSONS

BLASTING TRADESPERSONS assemble, position and detonate explosives. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a vocational certificate and 2-3 years previous experience as a Labourer in a related occupation. 6-12 months on-the-job training is usual. Authorities issue shot-firer's and explosives handling licences.

TASKS include:

- positioning explosives in bore holes and priming, or directing other workers to prime, explosives using detonators and explosive cartridges
- connecting wire, fuse or detonating cord to explosive cartridge and detonator and wire to electric detonator
- filling and tamping holes with rock dust, sand or other materials
- firing electric detonator or lighting fuse to detonate explosives
- inspecting blasting area before and after explosion to ensure safety
- removing material broken by explosion from areas of underground mine inaccessible to high production equipment

OCCUPATIONS

4909-01 Supervisor, Blasting Tradespersons

4909-11 Shot-firer
Blaster (a)
Powder Monkey (a)
Seismograph Shooter (s)

4909-13 Stope Miner

4911 GARMENT TRADESPERSONS

GARMENT TRADESPERSONS prepare patterns and materials for the making of garments and make garments, including fur garments and hats. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate or a 2 year certificate in fashion. Some occupations also require 1-4 years previous experience in a related area.

TASKS include:

- drafting master patterns of garments from sketches, sample articles or design specifications
- cutting out patterns for a range of garment sizes using drafting instruments, scissors or perforating machines
- cutting out parts of garment, hat or fur, according to pattern using portable electric cutter, hand shears or fur cutting knife to cut through layers
- sewing fabric or fur parts together and sewing buttonholes using needle and thread or sewing machine
- · attaching buttons and other fasteners
- making hats by shaping, wiring, sewing, gluing and blocking material using needle and thread, sewing

machine, steamer and hand iron.

 measuring customer's size and drafting original pattern or altering existing pattern of garment to fit customer

OCCUPATIONS

4911-01 Supervisor, Garment Tradespersons
Supervisor, Dressmakers (s)
Supervisor, Furriers (s)
Supervisor, Tailors (s)
Wardrobe Co-ordinator (s)

4911-11 Tailor

4911-13 Dressmaker Seamstress (a) Apparel Sample Hand (s) Wardrobe Assistant (s)

4911-15 Apparel Cutter

4911-17 Furrier Fur Cutter (s) Fur Matcher (s)

4911-19 Patternmaker-Grader (Textiles)

4911-21 Hat Maker Milliner (s)

4911-91 Apprentice Garment Tradesperson Apprentice Tailor (s)

RELATED OCCUPATIONS

4913 Upholsterers and Bedding Tradespersons 4917 Other Leather and Canvas Tradespersons

4913 UPHOLSTERERS AND BEDDING TRADESPERSONS

UPHOLSTERERS AND BEDDING TRADESPERSONS cover furniture and bed spring units with fabric or other material and repair furniture. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- measuring and cutting covering material for furniture using measuring tape and scissors or shears
- joining sections of covering material and seaming cushions using sewing machines
- tacking covering material onto furniture frame
- tacking, gluing or sewing ornamental trim, braids and buttons to material or frame
- fabricating bed springs using coiling machine
- forming frame using machine to shape edge wire
- attaching springs to frame using fastening gun
- stapling spring unit to box frame
- encasing bed spring unit and padding with selected covering material using staple gun or closing machine
- replacing covering, webbing, padding and springs to repair upholsered furniture

GROUP DEFINITIONS TRADESPERSONS

OCCUPATIONS

4913-01 Supervisor, Upholsterers and Bedding Tradespersons

4913-11 Furniture Upholsterer

4913-13 Bedding and Mattress Maker

4913-91 Apprentice Upholsterer and Bedding Tradesperson

4915 SHOEMAKING AND REPAIRING TRADESPERSONS

SHOEMAKING AND REPAIRING TRADESPERSONS cut out, shape and join parts of shoes and repair shoes. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- cutting shoe parts from leather or other material using knife, scissors or machine which stamps die onto material
- joining, decorating and reinforcing shoe parts using single, double or multiple stitching machine
- stretching upper part of footwear over last using machine or lasting tool to shape upper part
- joining upper to insole using tacking device or adhesive
- · sewing edge on insole
- sewing or cementing outer sole to edge
- trimming and buffing shoe using knife and buffing wheel
- · applying dye to shoe
- · polishing shoe using rotating power brush
- repairing or refinishing shoes

OCCUPATIONS

4915-01 Supervisor, Shoemaking and Repairing Tradespersons

4915-11 Shoemaker
Bespoke Shoemaker (s)
Clicker (s)
Laster (s)
Surgical Shoemaker (s)

4915-13 Shoe Repairer

4915-91 Apprentice Shoemaker and Repairer Apprentice Clicker (s)

4917 OTHER LEATHER AND CANVAS TRADESPERSONS

OTHER LEATHER AND CANVAS TRADESPERSONS make and repair products made from leather or canvas and similar materials or prepare sailcloth for sewing. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- marking out and cutting sailcloth or canvas and similar materials from pattern using hand shears or power cutters
- joining parts of leather articles using rivets, handsewing, tools, sewing machine or adhesive
- · dyeing, staining and polishing leather articles
- sewing sections of canvas and similar materials together to make awnings, tents, tarpaulins, horse rugs, caravan annexes or other products using sewing machine
- punching holes in canvas and similar materials using mallet and punch and attaching grommets, metal fittings and fastenings to product by machine or hand sewing
- calculating dimensions of sail and allowances for hemming and stretching using sail calculation tables and sail specification computer card
- drawing full size pattern of sail and supervising final sewing of sail

OCCUPATIONS

4917-01 Supervisor, Other Leather and Canvas Tradespersons

4917-11 Leather Goods Maker Saddler (s)

4917-13 Canvas Goods Maker

4917-15 Sailmaker

4917-91 Apprentice, Other Leather and Canvas Trades
Apprentice Canvas Goods Maker (s)
Apprentice Leather Goods Maker (s)
Apprentice Sailmaker (s)

4919 FLOOR COVERERS

FLOOR COVERERS install carpet, linoleum, vinyl, cork tiles and other floor coverings, except ceramic tiles, slate and stone. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate

TASKS include:

- examining area to be covered to ensure that floor is firm, dry and clean
- · measuring and marking off area with layout
- · fixing underlays of hardboard sheets, rubber or felt
- laying covering material over floor
- cutting shapes around permanent obstructions, matching adjacent patterns and trimming edges
- removing baseboard moulding trim to install edges of coverings

OCCUPATIONS

4919-01 Supervisor, Floor Coverers
Supervisor, Carpet Layers (s)

GROUP DEFINITIONS

4919-11 Floor Coverer Carpet Layer (s) Floor Finisher (s)

4919-91 Apprentice Floor Coverer

4921 GLASS TRADESPERSONS

GLASS TRADESPERSONS cut, finish and install glass panes. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- · scoring glass surface using cutting tool
- breaking glass along scored line using notched tool or glass pliers
- fitting and installing glass panes and mirrors and assembling prefabricated glass units
- · blowing through pipe to inflate gob of molten glass
- rotating pipe while blowing to attain shape and size of glass object
- joining tubing or extending parts of object by reheating using specialised hand tools

OCCUPATIONS

4921-01 Supervisor, Glass Tradespersons

4921-11 Flat Glass Tradesperson
Glass Beveller (s)
Glass Cutter (s)
Glass Embosser (s)
Glass Etcher (s)
Glass Silverer (s)
Glazier (s)

4921-13 Glass Blower
Glass Bender (s)
Glass Blowing Lathe Operator (s)

4921-91 Apprentice Flat Glass Tradesperson

4921-93 Trainee Glass Blower

4923 JEWELLERY AND PRECIOUS METALWARE TRADESPERSONS

JEWELLERY AND PRECIOUS METALWARE TRADESPERSONS make fashion or industrial jewels from rough gemstones and make and repair precious metal and complete jewellery articles using precision hand and power tools. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- studying rough stone using magnifying glass and marking out cutting guidelines
- cleaning stone, securing in jig, operating lathe, grinding wheel or rotating disc to shape and smooth surface and cut facets

- · cutting blanks from metal sheet
- shaping blanks by annealing, heating or spinning on spinning lathe
- preparing wax mould for article or metal mounting and pouring molten metal into mould
- assembling jewellery by soldering, brazing, rivetting or bolting, and finishing by filing or buffing
- checking article against specifications using precision measuring instruments
- repairing jewellery and worn metalware by soldering, replacing or remaking damaged parts, annealing or heating

OCCUPATIONS

- 4923-01 Supervisor, Jewellery and Precious Metalware Tradespersons
- 4923-11 Jeweller Gem Setter (s) Ring Maker (s)
- 4923-13 Gem Cutter and Polisher Diamond Cutter (s) Faceter (s) Lapidary (s) Opal Polisher (s)
- 4923-15 Precious Metal Smith Goldsmith (s) Silversmith (s)
- 4923-91 Apprentice Jewellery and Precious Metalware Tradesperson Apprentice Diamond Cutter (s) Apprentice Jeweller (s) Apprentice Silversmith (s)

RELATED OCCUPATIONS

4213-13 Watch and Clock Maker and Repairer

4925 CRAFTWORKERS

CRAFTWORKERS make, maintain and repair objects which have both functional and aesthetic qualities. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 1-2 year vocational certificate.

TASKS include:

- designing style and shape of object to meet both functional and aesthetic requirements
- manipulating materials to make objects according to design
- · finishing object to impart aesthetic qualities
- maintaining objects to ensure they are in working order
- repairing damaged or defective craft objects

OCCUPATIONS

4925-01 Supervisor, Craftworkers
Supervisor, Musical Instrument Makers and
Repairers (s)
Supervisor, Potters (s)

4925-11 Piano Tuner

4925-13 Potter

GROUP DEFINITIONS TRADESPERSONS

4925-91

Apprentice Craftworker Apprentice Musical Instrument Maker and

Repairer (s) Apprentice Piano Tuner (s)

Apprentice Potter (s)

4925-99 Craftworkers nec

Leadlighter (s)

Musical Instrument Maker (s) Stringed Instrument Repairer (s)

4927 HAIRDRESSERS

HAIRDRESSERS cut, style and treat hair. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate. Authorities issue licences for certain types of work.

TASKS include:

- discussing hair style with customer, taking into account customer's requirements
- cutting hair using scissors, razor or electric clippers
- washing, tinting, streaking, permanent-waving hair and applying conditioner or other treatments
- · styling or straightening hair using brush, comb, rollers, clips, curling iron and blow dryer
- arranging appointments
- collecting payments
- · cleaning work area and instruments

OCCUPATIONS

4927-01 Supervisor, Hairdressers

4927-11 Hairdresser

Barber (s)

4927-91 Apprentice Hairdresser

4929 SHEEP SHEARERS

SHEEP SHEARERS shear wool from sheep using either mechanically driven handpiece or blade shears, and maintain and repair shearing equipment. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 2 years previous experience as a Shearing Shed Hand. 6 months on-the-job training is usual.

TASKS include:

- inspecting and lubricating equipment and ensuring that shearers' stands are fully equipped
- removing sheep from catching pen
- · selecting shearing comb to suit sheep type
- shearing sheep closely avoiding cuts to skin of animal or to wool
- removing fleece in one piece for picking up and handling

· treating cuts and returning sheep to release pen

OCCUPATIONS

4929-01 Overseer, Shearing Shed Shearing Contractor (s)

4929-03 **Shearing Shed Expert**

4929-11 Shearer

4931 ANIMAL TRAINERS

ANIMAL TRAINERS direct and participate in the breaking and training of horses for riding or racing, the training of dogs for racing or guiding the blind, and training other animals to perform for public entertainment.

SKILL LEVEL

The entry requirement for Dog and Horse Trainers is a 1-2 year certificate in Animal Handling and 3-4 years experience as a Stable Hand or Animal Attendant. The entry requirement for Horse Breaker is 2-3 years experience as a Stockman.

TASKS include:

- planning and supervising training schedule
- feeding, grooming and exercising animals or supervising other workers in the performance of these duties feeding.
- · examining and treating animals for minor illnesses or injuries
- bridling, saddling and accustoming race horses to reins and rider
- harnessing and hitching harness racing horses and teaching them to pull sulkies

OCCUPATIONS

4931-11 Horse Breaker

4931-99 Animal Trainers nec Dog Trainer (s) Horse Trainer (s)

4999 OTHER TRADESPERSONS

covers occupations not elsewhere Minor Group 49, Miscellaneous This unit group classified Minor in Tradespersons.

OCCUPATIONS

4999-01 Supervisor, Other Tradespersons

Dental Technician 4999-11 Dental Mechanic (a) Dental Prosthetist (a) Orthodontic Technician (s)

4999-13 Optical Mechanic Ophthalmic Lens Surfacer and Fitter (a) Optical Technician (a) Optical Dispenser (s)

4999-15 Stonemason Monumental Mason (s) Stone Fixer (s)

4999-17	Motion Picture Projectionist
4999-19	Saturation Technician
4999-21	Offshore Diver Clearance Diver (s) Saturation Diver (s)
4999-23	Onshore Diver Shallow Water Diver (a) Abalone Diver (s) Pearl Diver (s) Police Diver (s)
4999-25	Florist
4999-27	Aircraft Safety Equipment Worker Parachute Rigger (s)
4999-29	Military Explosives Technician Ammunition Technician (s) Armament Fitter (s) Armament Mechanic (s) Explosive Ordnance Demolition Technician (s)

4999-91 Apprentice, Other Trades
Apprentice Dental Mechanic (s)
Apprentice Florist (s)
Apprentice Optical Mechanic (s)
Apprentice Stonemason (s)

4999-99 Tradespersons nec Chainsaw Mechanic (s) GROUP DEFINITIONS CLERKS

MAJOR GROUP 5 CLERKS

CLERKS gather, record, order, transform, store and transmit information on paper or electronic media. These tasks require moderate literacy and numeracy.

Occupations in this major group have a level of skill commensurate with Years 11-12 at secondary school and 6 months on-the-job training.

Tasks performed by Clerks typically include typing, stenography and other secretarial tasks; operating data processing and business machines and telephone switchboards; producing and recording financial and statistical information; sorting, classifying, filing and despatching mail and other documents; recording details of production, transportation, storage and purchase of goods; providing information to the public; collecting debts and charity payments; assisting teachers; and keeping personnel records.

Occupations in this major group are classified into the following minor groups:

- 51 STENOGRAPHERS AND TYPISTS
- 52 DATA PROCESSING AND BUSINESS MACHINE OPERATORS
- 53 NUMERICAL CLERKS
- 54 FILING, SORTING AND COPYING CLERKS
- 55 MATERIAL RECORDING AND DESPATCHING CLERKS
- 56 RECEPTIONISTS, TELEPHONISTS AND MESSENGERS
- 59 MISCELLANEOUS CLERKS

MINOR GROUP 51 STENOGRAPHERS AND TYPISTS

STENOGRAPHERS AND TYPISTS produce printed documents using typewriters or word processing machines, take shorthand manually or by machine, and perform associated office duties for managerial staff.

Occupations in this minor group have a level of skill commensurate with a 1 year shorthand/typing certificate and 3 months on-the-job training.

Tasks performed by Stenographers and Typists typically include taking dictated correspondence and verbatim transcripts of meetings and legal proceedings in shorthand (manually or using a machine); typing correspondence, briefing notes, reports and other documents using typewriters, telex and word processing equipment; proofreading and correcting copy; editing and printing documents on word processors; receiving, distributing and preparing replies to less important correspondence; screening phone calls and visitors for managerial staff; arranging meetings and travel for managerial staff; and maintaining filing systems.

Occupations in this minor group are classified into the following unit groups:

5101 OFFICE SECRETARIES AND STENOGRAPHERS

5103 TYPISTS AND TYPIST-CLERKS

5105 WORD PROCESSING OPERATORS

5101 OFFICE SECRETARIES AND STENOGRAPHERS

OFFICE SECRETARIES AND STENOGRAPHERS perform various organisational and clerical tasks in support of management, including taking shorthand, typing and filing and make shorthand records of court and parliamentary proceedings either manually or by machine. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 1-2 year shorthand/typing certificate or a diploma in secretarial studies or court reporting.

TASKS include:

- taking dictation
- · receiving and distributing incoming correspondence
- preparing and typing correspondence, briefing notes, memoranda and reports
- · screening telephone calls and personal callers
- making appointments and travel arrangements
- · maintaining a filing system
- taking shorthand transcripts of meetings, lectures, legal and parliamentary proceedings and reading out portions on request

OCCUPATIONS

5101-01 Supervisor, Office Secretaries and Stenographers

5101-11 Office Secretary
Personal Secretary (a)
Girl/Man Friday (s)
Legal Secretary (s)
Stenographic Secretary (s)

5101-13 Office Stenographer Shorthand-Typist (a) 5101-15 Court and Hansard Reporter

5103 TYPISTS AND TYPIST-CLERKS

TYPISTS AND TYPIST-CLERKS copy written, typed or recorded material using typewriters and dictation equipment, and perform clerical tasks. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 3-12 month shorthand/typing certificate. 1-3 months on-the-job training is usual.

TASKS include:

- typing reports, letters, statistical tables and similar material, attending to layout
- · proof-reading and correcting copy
- operating dictation equipment and typing recorded material heard through ear-phones
- · filing records and reports
- · sorting and distributing mail

OCCUPATIONS

5103-01 Supervisor, Typists and Typist-Clerks

5103-11 Typist-Clerk

5103-13 Typist Dictatypist (s)

GROUP DEFINITIONS CLERKS

5105 WORD PROCESSING OPERATORS

WORD PROCESSING OPERATORS type and edit documents on a word processing machine and print copies. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 3-12 month shorthand/typing certificate. 3-6 months on-the-job training is usual.

TASKS include:

- typing standard letters, business forms and other documents into word processing machine
- planning proposed layout and format, or following same if pre-set
- · altering, rearranging and editing recorded data
- · operating associated printer

OCCUPATIONS

5105-01 Supervisor, Word Processing Operators

5105-11 Word Processing Operator

MINOR GROUP 52 DATA PROCESSING AND BUSINESS MACHINE OPERATORS

DATA PROCESSING AND BUSINESS MACHINE OPERATORS operate electronic data processing and business machines to record, process, transmit and extract data and perform mathematical calculations.

Occupations in this minor group have a level of skill commensurate with Years 11-12 at secondary school and 1-6 months on-the-job training.

Tasks performed by Data Processing and Business Machine Operators typically include sorting documents containing information to be entered on computers and business machines; entering, verifying, editing and retrieving data using keyboards; operating business machines to perform mathematical calculations; transmitting and receiving messages and facsimiles of documents; and keeping records of calculations, and of transmissions made and received.

Occupations in this minor group are classified into the following unit groups:

5201 DATA PROCESSING MACHINE OPERATORS

5203 BUSINESS MACHINE OPERATORS

5201 DATA PROCESSING MACHINE OPERATORS

DATA PROCESSING MACHINE OPERATORS operate electronic equipment for data entry, processing and transmission. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 1-6 months on-the-job training is usual.

TASKS include:

- transcribing data from source material onto computer compatible storage devices
- selecting mode of computer operations, loading input and output units and scheduling computer job flow to process data
- entering, editing and retrieving data on mainframe or other computers using keyboard
- correcting entered and transcribed data on visual display unit
- transmitting and receiving messages and facsimiles of documents, using electronic transmission equipment

OCCUPATIONS

- 5201-01 Supervisor, Data Processing Machine Operators
 Electronic Mail Controller (s)
- 5201-11 Computer Operator Computer Console Operator (s)
- 5201-13 Data Entry Operator
 Data Processing Operator (a)
 Keyboard Operator-Assembler (s)
 Remote Computer Terminal Operator (s)
 Verifier Operator (s)
 Visual Display Unit Operator (s)
- 5201-15 Data Transceiver Operator Electronic Mail Operator (s)
- 5201-99 Data Processing Machine Operators nec

Cryptographic Machine Operator (s)

RELATED OCCUPATIONS

2805-13 Graphic Designer 4501-11 Compositor

5999-15 Classified Advertising Clerk

5203 BUSINESS MACHINE OPERATORS

BUSINESS MACHINE OPERATORS record and compute data using office business machines. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 1-2 months on-the-job training is usual.

TASKS include:

- sorting documents containing information to be entered
- performing mathematical calculations using accounting machine, calculator or other business machine
- recording results of mathematical calculations on forms or documents
- verifying entries and balances
- preparing periodic trial balances and other statistical information

OCCUPATIONS

- 5203-01 Supervisor, Business Machine Operators Supervisor, Bookkeeping Machine Operators (s)
- 5203-11 Business Machine Operator Accounting Machinist (s) Comptometrist (s) Ledger Machinist (s)

GROUP DEFINITIONS CLERKS

MINOR GROUP 53 NUMERICAL CLERKS

NUMERICAL CLERKS compile and record financial and statistical information for management, and process documents relating to financial transactions.

Occupations in this minor group have a level of skill commensurate with Years 11-12 at secondary school and 2-12 months on-the-job training.

Tasks performed by Numerical Clerks typically include recording and verifying summaries of financial transactions and operation costs; preparing reports of accounting activities for management; processing loan and insurance applications and claims, and accounts payable and receivable; despatching notices of insurance premiums and other payments due; advising policy and account holders on technical matters; calculating wages and salaries; and compiling tables, charts and graphs of statistical information.

Occupations in this minor group are classified into the following unit groups:

5301 ACCOUNTING CLERKS

5303 INSURANCE AND BROKING CLERKS

5305 STATISTICAL AND ACTUARIAL CLERKS

5301 ACCOUNTING CLERKS

ACCOUNTING CLERKS record financial information for management. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for some occupations in this unit group is a 2 year para-professional certificate; previous experience of 2-5 years in clerical or banking duties may also be required for some occupations. 1-12 months on-the-job training is usual.

TASKS include:

- recording and compiling summaries of financial transactions, wage and salary deductions and variations, and operation and production costs
- processing loan applications, accounts payable and accounts receivable
- calculating wages and salaries from payroll records, payments received, expenditure and standard costs
- verifying recorded transactions and reporting irregularities to management
- preparing reports of accounting activities, financial statements and customer's credit rating
- · compiling and distributing wages and salaries

OCCUPATIONS

5301-01 Supervisor, Accounting Clerks Supervisor, Payroll Clerks (s)

5301-11 Bookkeeper

5301-13 Accounts Clerk
Audit Clerk (s)
Claims Clerk (s)
Investment Accounting Clerk (s)
Invoice Clerk (s)
Warranty Clerk (s)

5301-15 Payroll Clerk
Pay Clerk (a)
Paymaster/mistress (s)

5301-17 Branch Accountant (Financial Institution)
Bank Accountant (s)

5301-19 Credit Officer Loans Clerk (s) Loans Officer (s)

5301-21 Cost Clerk

RELATED OCCUPATIONS

1301 Finance Managers 2701 Accountants 6401 Tellers

5303 INSURANCE AND BROKING CLERKS

INSURANCE AND BROKING CLERKS record insurance and stockbrocking transactions, and process related documents. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for some occupations in this unit group is a 2 year para-professional certificate. 2-12 months on-the-job training is usual.

TASKS include:

- processing insurance applications, adjustments to insurance cover, standard endorsements and insurance claims
- despatching notices of premiums due and relevant forms concerning conservation or transfer of insurance
- advising agents or policy holders on technical matters relating to individual cases
- recording stock transfer documents received from clients or other stockbroking firms
- checking validity of documents and forwarding documents to company's share register
- · claiming accruing dividends and new stock issues

OCCUPATIONS

5303-01 Supervisor, Insurance and Broking Clerks

5303-11 Insurance Clerk
Health Insurance Assessor (s)
Superannuation Fund Clerk (s)

5303-13 Stockbroking Clerk Scrip Clerk (Stockbroking) (a)

5305 STATISTICAL AND ACTUARIAL CLERKS

STATISTICAL AND ACTUARIAL CLERKS compile and tabulate statistical information. They may supervise the occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 3-12 months on-the-job training is usual.

TASKS include:

- · calculating actuarial and other statistical data
- compiling tables, charts and graphs of statistical information from source materials and calculations
- · updating relevant computer files
- · preparing actuarial or statistical statutory returns

OCCUPATIONS

5305-01 Supervisor, Statistical and Actuarial Clerks

5305-11 Statistical Clerk

5305-13 Actuarial Clerk

MINOR GROUP 54 FILING, SORTING AND COPYING CLERKS

FILING, SORTING AND COPYING CLERKS arrange mail, documents and other items containing information into categories and copy information for storage and despatch.

Occupations in this minor group have a level of skill commensurate with Years 11-12 at secondary school and 1-6 months on-the-job training.

Tasks performed by Filing, Sorting and Copying Clerks typically include sorting documents and mail and placing on appropriate files or shelves or in sorted bundles for delivery; maintaining registers of files, of items for filing, shelving or distribution, and of filed or shelved items; opening and closing files; retrieving items on request; issuing library items to borrowers and recording details; delivering items to despatch area; and operating photocopying or duplicating equipment to copy and collate documents in bulk quantities.

Occupations in this minor group are classified into the following unit groups:

5401 LIBRARY AND FILING CLERKS

5403 MAIL SORTERS

5499 OTHER FILING, SORTING AND COPYING CLERKS.

5401 LIBRARY AND FILING CLERKS

LIBRARY AND FILING CLERKS classify, sort and file publications, documents, correspondence and audio-visual material in libraries and offices. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 1-6 months on-the-job training is usual.

TASKS include:

- placing documents on files, and files in drawers
- sorting, cataloguing and maintaining index cards for library items, cards, correspondence, invoices, receipts and other materials according to established procedures and classification systems
- maintaining a register of materials for filing, shelving, storage or distribution
- · locating and retrieving materials on request
- · issuing library items to borrowers
- recording identification details, removal and return of materials
- labelling file covers and containers with correct code

OCCUPATIONS

5401-01 Supervisor, Library and Filing Clerks

5401-11 Library Assistant
Library Attendant (a)
Computer Tape Librarian (s)

5401-13 Filing Clerk Registry Clerk (s)

RELATED OCCUPATIONS

2911 Librarians

5403 MAIL SORTERS

MAIL SORTERS receive, sort and despatch mail at sorting centres. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 2-3 months on-the-job training is usual.

TASKS include:

- · receiving and checking incoming mail
- sorting and distributing mail according to categories and destination
- recording and processing registered and special articles
- · wrapping, bundling and bagging mail
- · transporting mail to dock area

OCCUPATIONS

5403-01 Supervisor, Mail Sorters Overseer (Mails) (s)

5403-11 Mail Sorter

RELATED OCCUPATIONS

5605-13 Postman/woman

5499 OTHER FILING, SORTING AND COPYING CLERKS

This unit group covers occupations not elsewhere classified in Minor Group 54, Filing, Sorting and Copying Clerks.

SKILL LEVEL

The entry requirement for this unit group is

CLERKS GROUP DEFINITIONS

completion of years 11-12 at secondary school. 1 month on-the-job training is usual.

OCCUPATIONS

5499-11 Other Filing, Sorting and Copying Clerks Photocopying and Duplicating Clerk (s)

MINOR GROUP 55 MATERIAL RECORDING AND DESPATCHING CLERKS

MATERIAL RECORDING AND DESPATCHING CLERKS keep records of goods produced, transported, purchased and issued to staff, and of freight vehicles and destinations, to ensure that quotas are met and orders are filled correctly.

Occupations in this minor group have a level of skill commensurate with Years 11-12 at secondary school and 3 months on-the-job training.

Tasks performed by Material Recording and Despatching Clerks typically include arranging and recording details of storage, despatch and shipment of goods; checking goods against inventories, invoices and orders; recording defects and damage in goods, and items missing; checking that schedules and production quotas are met and reporting problems; and ordering new supplies.

Occupations in this minor group are classified into the following unit groups:

5501 PRODUCTION RECORDING CLERKS

5503 TRANSPORT RECORDING AND DESPATCHING CLERKS

5505 STOCK AND PURCHASING CLERKS

5501 PRODUCTION RECORDING CLERKS

PRODUCTION RECORDING CLERKS estimate production schedules and record work-flow and receipt, production, transfer and despatch of materials and products in manufacturing plants and other commercial establishments. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 3-12 months on-the-job training is usual.

TASKS include:

- examining orders and compiling data for production schedules
- checking inventories
- recording number and kind of defects, unsatisfactory materials and products
- signing tally sheets and attaching to checked items
- examining containers to ensure that they are filled to specified level and marking them for identification purposes
- checking attainment of production quotas
- maintaining production records and compiling reports

OCCUPATIONS

5501-01 Supervisor, Production Recording Clerks

5501-11 Production Scheduling Clerk Schedule Clerk (a) Programme Arranger (s) Radio Traffic Scheduler (s)

5501-13 Production Tally Clerk
Production Recorder (a)

5503 TRANSPORT RECORDING AND DESPATCHING CLERKS

TRANSPORT RECORDING AND DESPATCHING CLERKS check contents and compile and check documents of freight goods, tally and record consignments and destination details of articles and containers and make freight bookings and associated arrangements. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 2-3 months on-the-job training is usual.

TASKS include:

- recording numbers and details of articles as called out by wharf workers and signing tally sheets
- checking and recording defects or deficiencies of goods
- arranging distribution and despatch of goods received and notifying authorities or addressees of despatch
- preparing and checking documents, maintaining records of receipts and despatches
- checking availability of cargo space and arranging bookings on behalf of customers
- notifying addressees of shipment details and clearance requirements and authorising collection of cargo from the dock
- maintaining records of import and export transactions

OCCUPATIONS

5503-01 Supervisor, Transport Recording and Despatching Clerks

5503-11 Receiving and Despatching Clerk
Freight Clerk (a)
Transport Clerk (a)
Aircraft Load Controller (s)
Circulation Representative (s)
Container Loading Clerk (s)

CLERKS

Distribution Clerk (s)
Freight Traffic Controller (s)
Shipping Clerk (s)
Truck Despatcher (s)

5503-13 Import-Export Clerk
Bond Clerk (s)
Customs Agent (s)
Customs Clerk (s)
Wharf Tally Clerk (s)

5503-15 Radio Despatcher

5503-99 Transport Recording and Despatching Clerks nec Delivery Clerk (s) Railway Number Taker (s)

RELATED OCCUPATIONS

8909-15 Wharf Labourer

5505 STOCK AND PURCHASING CLERKS

STOCK AND PURCHASING CLERKS prepare purchase orders, receive, store and issue stocks and maintain records. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 3 months on-the-job training is usual.

TASKS include:

- assessing current stock to determine need for purchase order
- · issuing supplies from stock
- preparing inventories and requisitioning material
- · checking supply invoices against purchase orders
- compiling reports on stock-handling equipment, adjustments to inventories, spoilage or damage to stock, location changes or refusals of shipments
- · pricing goods or estimating costs
- · storing or shelving articles

OCCUPATIONS

5505-01 Supervisor, Stock and Purchasing Clerks

5505-11 Stock Clerk
Stores Clerk (a)
Inventory Clerk (s)
Supply Clerk (s)

5505-13 Purchasing Clerk Procurement Clerk (a)

5505-15 Order Clerk Mail Order Clerk (s)

RELATED OCCUPATIONS

3913 Procurement Officers

MINOR GROUP 56 RECEPTIONISTS, TELEPHONISTS AND MESSENGERS

RECEPTIONISTS, TELEPHONISTS AND MESSENGERS facilitate communication and contact between parties by delivering postal items and messages, establishing telephone connections and arranging access to the personnel and facilities of an establishment.

Occupations in this minor group have a level of skill commensurate with Years 11-12 at secondary school and 1-12 months on-the-job training.

Tasks performed by Receptionists, Telephonists and Messengers typically include answering inquiries from, and providing information about the establishment's facilities and services, to customers, clients, guests and patients at reception, inquiry and admission desks or over the telephone; arranging appointments for clients, registering guests, booking and connecting domestic and international telephone calls; reporting difficulties experienced by users of services to technical staff; alerting emergency services on behalf of callers; and delivering mail, other documents and messages.

Occupations in this minor group are classified into the following unit groups:

5601 RECEPTIONISTS AND INFORMATION CLERKS

5603 TELEPHONISTS

5605 MESSENGERS AND DELIVERY OFFICERS

5601 RECEPTIONISTS AND INFORMATION CLERKS

RECEPTIONISTS AND INFORMATION CLERKS provide information on the services or goods offered by the establishment and arrange for the public to use such services and goods.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 1-12 months on-the-job training is usual.

TASKS include:

- answering inquiries and providing information on the services or goods offered by the establishment
- supplying information pamphlets, brochures, standard forms or hospital admission forms
- · referring clients to appropriate expert or adviser
- directing customers to the location of required merchandise in retail establishments
- arranging appointments between employer and clients, customers or patients
- arranging registration of hotel or motel guests, or admission of hospital patients
- calculating accounts and forwarding accounts to hospital accounts department, or receiving payment for accounts from hotel or motel guests
- recording details of inquiries, appointments, reservations or hospital admissions
- · distributing messages

OCCUPATIONS

5601-11 Receptionist Appointments Clerk (a)

5601-13 Inquiry Clerk
Inquiry Officer (a)
Complaints Clerk (s)
Customer Service Officer (s)

Information Desk Clerk (s)

5601-15 Admissions Clerk Hospital Admitting Clerk (a) Hospital Ward Clerk (s)

5603 TELEPHONISTS

TELEPHONISTS operate public and private telephone switchboards to assist callers in establishing telephone connections and to relay incoming, outgoing and inter-office calls. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 3-10 weeks on-the-job training is usual.

TASKS include:

- operating switchboard to connect and disconnect telephone calls
- talking to callers to ascertain requirements and provide information on operating systems
- informing callers about phone numbers, dialling codes, national traffic levels, international costs and time delays
- alerting emergency services in cases of fire, crime or accident
- investigating nature and extent of problems in operating systems
- informing maintenance services of faults and informing callers about resulting service difficulties

OCCUPATIONS

5603-01 Supervisor, Telephonists

5603-11 Telephonist

Telephone Operator (a) Manual Assistant (Telecom) (s) Phonogram Operator (s) Switchboard Operator (s)

5605 MESSENGERS AND DELIVERY OFFICERS

MESSENGERS AND DELIVERY OFFICERS deliver goods, documents, messages, mail and other items. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 2 weeks to 18 months on-the-job training is usual. Relevant government departments may require postal delivery officers to be licensed.

TASKS include:

- · sorting items for delivery
- delivering mail, parcels, telegrams, documents and other items to customers or mail boxes
- · collecting signatures and charges from customers
- · receiving orders for deliveries from customers
- issuing and collecting receipts for pick-up and delivery items

OCCUPATIONS

5605-01 Supervisor, Messengers and Delivery Officers
Supervisor, Postmen/women (s)

5605-11 Messenger Copy Boy/Girl (s) Despatch Rider (Army) (s)

5605-13 Postman/woman

RELATED OCCUPATIONS

5403 Mail Sorters 5909-13 Postal Officer 7105-11 Delivery Driver

MINOR GROUP 59 MISCELLANEOUS CLERKS

This residual minor group covers all occupations in Major Group 5, Clerks which are not included in Minor Groups 51-56 above.

Occupations in this minor group are classified into the following unit groups:

5901 COLLECTION CLERKS

5903 TEACHERS' AIDES

5905 PERSONNEL CLERKS

5907 LEGAL AND RELATED CLERKS

5909 POSTAL CLERKS AND OFFICERS

5999 OTHER CLERKS

5901 COLLECTION CLERKS

COLLECTION CLERKS collect payments and perform clerical duties associated with debt collection.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school and 1-2 years clerical experience. 2 months on-the-job training is usual.

TASKS include:

- telephoning or writing to customers to collect money or arranging later payment
- checking lists and making enquiries to trace addresses of customers
- recommending legal action when payment cannot be otherwise obtained
- recording amounts collected, noting requirement for further action

OCCUPATIONS

5901-11 Debt Collector Collection Agent (s)

5901-99 Collection Clerks nec Charity Collection Clerk (s)

5903 TEACHERS' AIDES

TEACHERS' AIDES perform non-teaching and preparatory duties to assist teaching staff in schools.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-3 months on-the-job training is usual.

TASKS include:

- preparing stencils and duplicates and collating copies
- distributing and collecting lesson material
- · maintaining records of distribution of materials
- · administering minor first aid

- assisting in controlling and caring for pupils at school functions and excursions
- · preparing teaching aids and equipment
- · ordering stocks and replenishing standard items

OCCUPATIONS

5903-11 Teachers' Aide Teachers' Assistant (a)

5905 PERSONNEL CLERKS

PERSONNEL CLERKS advertise for, interview and assess the suitability of persons for employment with a particular organisation, and maintain personnel records of employees.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 2-6 months on-the-job training is usual.

TASKS include:

- preparing selection criteria and duty statements
- organising advertising, interviewing and staff selection
- interviewing applicants, recording details and notifying applicants of interview results
- establishing file on employment history and qualifications of applicants
- updating salary, superannuation, taxation and leave records and recording promotions and transfers
- informing supervisors/management and employees of events requiring action
- · preparing rosters
- conducting correspondence and answering queries

OCCUPATIONS

5905-11 Personnel Records Clerk Roster Clerk (s)

5905-13 Employment Office Clerk

RELATED OCCUPATIONS

2705 Personnel Specialists 5301-15 Payroll Clerk

5907 LEGAL AND RELATED CLERKS

LEGAL AND RELATED CLERKS provide administrative support to legal professionals by performing clerical work associated with the functions of a court or legal practice.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 1 year on-the-job training is usual.

TASKS include:

- listing court actions, collecting moneys and maintaining court records
- · issuing and filing court documents
- · serving legal orders and documents
- · repossessing property
- assisting solicitor in conveyancing, probate, common law and drafting of contracts
- advising staff and public on court procedures and rules

OCCUPATIONS

5907-11 Clerk of Court Magistrate's Clerk (s)

5907-13 Law Clerk Legal Clerk (a) Conveyancing Clerk (s) Title Searcher (s)

5907-15 Court Orderly Court Attendant (a) Court Usher (s) Tipstaff (s)

5907-99 Legal and Related Clerks nec Bailiff (s) Sheriff (s) Sheriff's Officer (s) Trust Officer (s)

5909 POSTAL CLERKS AND OFFICERS

POSTAL CLERKS AND OFFICERS perform sorting, clerical and sales functions at post offices.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 2-8 months on-the-job training is usual.

TASKS include:

- sorting mail for post office boxes and for despatch to mail centres
- selling stamps, postal goods and money orders over the counter
- maintaining records of counter and financial transactions including telephone account payments
- · acting as savings bank agent

- · checking records and compiling mail statistics
- · accepting telegrams and registered mail

OCCUPATIONS

5909-11 Postal Clerk

5909-13 Postal Officer

RELATED OCCUPATIONS

5403 Mail Sorters 5605-13 Postman/woman 6401 Tellers

5999 OTHER CLERKS

This unit group covers occupations not elsewhere classified in Minor Group 59, Miscellaneous Clerks.

OCCUPATIONS

5999-11 Meter Reader Meter Records Clerk (s)

5999-13 Proof Reader

5999-15 Classified Advertising Clerk

5999-17 Bookmaker's Clerk Penciller (a) Bagman/woman (s)

5999-19 Market Research Interviewer Survey Interviewer (a)

5999-99 Clerks nec Parking Inspector (s) Stamp Classifier (s)

MAJOR GROUP 6 SALESPERSONS AND PERSONAL SERVICE WORKERS

SALESPERSONS AND PERSONAL SERVICE WORKERS sell financial and transportable commodities to retailers or directly to members of the public, sell real estate, and provide services in relation to finance, property, recreation and personal needs. These tasks require skills in interpersonal communication.

Most occupations in this major group have a level of skill commensurate with Year 10 at secondary school and 3 months on-the-job training. However, some require higher qualifications, and are included in this major group because their primary task is selling.

Tasks performed by Salespersons and Personal Service Workers typically include conducting financial market and banking transactions; selling and managing real estate; selling insurance; selling goods to retailers and members of the public; receiving payment for goods or services, and operating cash registers and computer terminals to complete financial transactions; serving food and drinks in bars, restaurants, aircraft, ships and trains; organising travel and accommodation; and providing basic nursing, child care and personal services in institutions or the home.

Occupations in this major group are classified into the following minor groups:

- 61 INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS
- **62 SALES REPRESENTATIVES**
- **63 SALES ASSISTANTS**
- 64 TELLERS, CASHIERS AND TICKET SALESPERSONS
- **65 MISCELLANEOUS SALESPERSONS**
- **66 PERSONAL SERVICE WORKERS**

MINOR GROUP 61 INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS

INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS sell insurance and real estate, conduct investment transactions involving securities, stocks and bonds for clients, and manage properties on behalf of clients.

Most occupations in this minor group have a level of skill commensurate with Year 10 at secondary school, 1-5 years previous experience and 2 years on-the-job training.

Tasks performed by Investment, Insurance and Real Estate Salespersons typically include analysing market trends; discussing requirements with clients; informing clients about stocks, bonds, market conditions, prospects of particular corporations, insurance policies and benefits, terms of sale or conditions of lease; conducting financial market transactions on behalf of clients; soliciting custom; and locating, promoting, demonstrating, inspecting and managing properties for sale or lease.

Occupations in this minor group are classified into the following unit groups:

- 6101 SECURITIES AND FINANCE DEALERS
- 6103 INSURANCE BROKERS AND AGENTS
- 6105 REAL ESTATE SALESPERSONS AND PROPERTY MANAGERS
- 6199 OTHER INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS

6101 SECURITIES AND FINANCE DEALERS

SECURITIES AND FINANCE DEALERS conduct financial market transactions on behalf of clients or company and recommend transactions to clients or senior management.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma or, for stock exchange dealers, 3-5 years previous experience as a financial clerk. 6 months to 2 years on-the-job training is usual. Stock exchanges issue licences for member-dealers.

TASKS include:

- obtaining information on securities, market conditions, government regulations and financial circumstances of clients
- analysing market trends from securities reports, financial periodicals and stock quotation viewer screen
- informing prospective clients about stocks, bonds, market conditions and the history and prospects of corporations
- recording and transmitting buy or sell orders for stocks and bonds
- · calculating costs of transactions
- negotiating purchase terms between borrowers and lenders
- supervising documentation and recording of financial transactions

OCCUPATIONS

6101-11 Stock Exchange Dealer Investment Dealer (s) Securities Dealer (s)

Trading Floor Operator (Stock Exchange)

6101-99 Secur

Securities and Finance Dealers nec Corporate Finance Officer (s) Foreign Exchange Dealer (s) Futures Dealer (s) Investment Adviser (s) Money Market Dealer (s) Properties Investment Manager (s)

RELATED OCCUPATIONS

1599-99 Stockbroking Firm Manager

6103 INSURANCE BROKERS AND AGENTS

INSURANCE BROKERS AND AGENTS sell a variety of insurance to new and existing clients and solicit custom from potential clients. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school and 1-2 years previous experience as a salesperson or clerk. 2-3 months on-the-job training is usual.

TASKS include:

- compiling lists of potential clients from directories and other sources
- explaining insurance policies, risks covered, and rates and benefits of policies to client
- analysing client's circumstances
- · advising on type and amount of insurance cover

OCCUPATIONS

6103-01 Supervisor, Insurance Brokers and Agents

GROUP DEFINITIONS

SALESPERSONS AND PERSONAL SERVICE WORKERS

6103-11 Insurance Agent
Insurance Underwriter (s)
Life Assurance Representative (s)

6103-13 Insurance Broker

6105 REAL ESTATE SALESPERSONS AND PROPERTY MANAGERS

REAL ESTATE SALESPERSONS AND PROPERTY MANAGERS arrange sale, purchase, rental and lease of real property.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school. 2 years on-the-job training is usual.

TASKS include:

- listing details of land or building for sale or rental and arranging advertising of properties
- assessing the needs of prospective buyers and tenants
- selecting suitable properties and conducting prospective buyers and tenants through them
- · advising prospective buyers on terms of sale and

prospective tenants on conditions of rent or lease

- · arranging signing of lease agreements
- · collecting rent and bond moneys
- inspecting properties before, during and after tenancies

OCCUPATIONS

6105-11 Real Estate Salesperson
Real Estate Sub-agent (a)
Real Estate Sales Representative (s)

6105-13 Real Estate Property Manager Leasing Agent (a)

6199 OTHER INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS

This unit group covers occupations not elsewhere classified in Minor Group 61, Investment, Insurance and Real Estate Salespersons.

OCCUPATIONS

6199-11 Commodities Broker

6199-13 Valuer

MINOR GROUP 62 SALES REPRESENTATIVES

SALES REPRESENTATIVES promote and sell business services and manufacturers' and wholesalers' goods for resale or for use in other establishments.

Most occupations in this minor group have a level of skill commensurate with Year 10 at secondary school, 1–3 years previous experience and 1–6 months on-the-job training. However, some require higher qualifications.

Tasks performed by Sales Representatives typically include studying new products; discussing requirements with customers; demonstrating products or services; advising customers on the product or service which best meets their needs; arranging for delivery of goods or provision of service; and soliciting custom from potential customers.

Sales Assistants are excluded from this minor group because they sell goods directly to members of the general public. They are located in Minor Group 63, Sales Assistants.

Occupations in this minor group are classified into the following unit group:

6201 SALES REPRESENTATIVES

6201 SALES REPRESENTATIVES

SALES REPRESENTATIVES represent companies for the sale of goods and services to industrial, business, professional or other establishments or for the sale of goods to wholesale or retail establishments.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school and 1-3 years previous experience in sales or in a product or service related area. However, some occupations require a higher qualification. 1-6 months on-the-job training is usual.

TASKS include:

- acquiring and updating knowledge of employer's and competitors' products and understanding of market conditions
- assessing customers' needs and explaining and demonstrating products or services to them
- quoting and negotiating prices and credit terms, preparing contracts and recording orders
- arranging for delivery of goods, installation of equipment and provision of services
- reporting to employer on sales made and marketability of products

OCCUPATIONS

- 6201-11 Sales Representative (Chemical Products)
- 6201-13 Sales Representative (EDP Equipment)
- 6201-15 Sales Representative (Medical, Dental and Veterinary Equipment)
- 6201-17 Sales Representative (Electronic Equipment except EDP)

Sales Representative (Communications Equipment) (s)

- 6201-19 Sales Representative (Toys and Sporting Goods)
- 6201-21 Sales Representative (Business Services)
 Sales Representative (Advertising) (s)
- 6201-23 Sales Representative (Books and Paper Products)
- 6201-25 Sales Representative (Builders' Hardware)
- 6201-27 Sales Representative (Floor Coverings and Furniture)
- 6201-29 Sales Representative (Food, Drink and Tobacco Products)
- 6201-31 Sales Representative (Household Goods and Domestic Hardware)
- 6201-33 Sales Representative (Toiletries)
- 6201-35 Sales Representative (Pharmaceuticals)
- 6201-37 Sales Representative (Textiles, Clothing and Footwear)
- 6201-99 Sales Representatives nec Sales Representative (Jewellery and Watches) (s) Sales Representative (Musical Goods) (s) Sales Representative (Photographic Equipment and Supplies) (s) Sales Representative (Printing) (s)

RELATED OCCUPATIONS

5901-11 Debt Collector 6105 Real Estate Salespersons and Property Managers

MINOR GROUP 63 SALES ASSISTANTS

SALES ASSISTANTS sell merchandise in retail or other establishments directly to members of the public.

Occupations in this minor group have a level of skill commensurate with Year 10 at secondary school and 1 month on-the-job training.

Tasks performed by Sales Assistants typically include arranging items on display; discussing with customers their requirements and preferences; informing customers of characteristics and prices of goods; receiving payment for goods; operating cash register and issuing receipts or dockets; wrapping and arranging delivery of purchased goods; and participating in regular stocktakes.

Sales Representatives are excluded from this minor group because they sell merchandise for resale or for use in client establishments rather than directly to members of the public. They are located in Minor Group 62, Sales Representatives. Ticket Salespersons are excluded because they receive payment for goods already selected (or for services) rather than assisting customers in their selection. They are located in Minor Group 64, Tellers, Cashiers and Ticket Salespersons. Service Counter Clerk, Rental Salesperson, and Service Station Attendant are excluded because they sell services rather than goods. They are located in Unit Group 6599, Other Salespersons.

Occupations in this minor group are classified into the following unit group:

6301 SALES ASSISTANTS

6301 SALES ASSISTANTS

SALES ASSISTANTS sell merchandise in a retail or wholesale establishment to members of the general public. They may supervise the occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school. 1 month on-the-job training is usual.

TASKS include:

- advising customers on the selection, price, delivery, use and care of merchandise
- operating cash register and accepting payment, or preparing invoices or contracts
- packaging merchandise for customer
- · stacking and displaying items for sale
- · checking stock and participating in stock takes

OCCUPATIONS

- 6301-01 Supervisor, Sales Assistants Sales Department Manager (a)
- 6301-11 Sales Assistant (Hardware and Gardening Supplies)
- 6301-13 Sales Assistant (Fabrics, Clothing and Footwear)
- 6301-15 Sales Assistant (Food and Drink Products)
 Bottle Shop Attendant (s)
 Canteen Assistant (s)

- 6301-17 Sales Assistant (Furniture, Floor Coverings and Household Goods)
- 6301-19 Sales Assistant (Caravans and Motor Vehicles)
- 6301-21 Sales Assistant (Stationery, Newspapers and Books)
 Sales Assistant (Office Supplies) (s)
- 6301-23 Sales Assistant (Pharmaceutical Products and Toiletries)
 Chemist Shop Assistant (s)
- 6301-25 Sales Assistant (Vehicle Parts and Accessories)
 Automotive Parts Interpreter (s)
 Sales Assistant (Tyres) (s)
- 6301-99 Sales Assistants nec
 Sales Assistant (EDP and Office
 Equipment) (s)
 Sales Assistant (Musical Equipment and
 Supplies) (s)
 Sales Assistant (Photographic Equipment
 and Supplies) (s)
 Sales Assistant (Sports Equipment and
 Toys) (s)
 Sales Assistant (Watches and Jewellery)

RELATED OCCUPATIONS

1501	Shop Managers
62	Sales Representatives
6501-15	Door-to-Door Salesperson
8999-27	Automotive Parts Recycler

MINOR GROUP 64 TELLERS, CASHIERS AND TICKET SALESPERSONS

TELLERS, CASHIERS AND TICKET SALESPERSONS conduct monetary transactions, receiving payment, wagers or deposits from customers in return for goods or services provided, and giving change, winnings, withdrawn savings, tickets or other receipts to customers.

Most occupations in this minor group have a level of skill commensurate with Year 10 at secondary school and 1-6 months on-the-job training. However, some require previous clerical experience.

Tasks performed by Tellers, Cashiers and Ticket Salespersons typically include receiving cash or cheques from customers, or conducting transactions on credit (including checking cardholder's identity and credit limit); operating cash register or computer terminal to process payment or deposit; verifying records to ensure that all details of the transaction are correct, including the amount of money exchanged; paying out money for change, withdrawals or winnings; issuing receipts or tickets; recording all transactions; counting money and tickets at the end of the shift; and providing information to enquiring customers about other services offered by the establishment.

Occupations in this minor group are classified into the following unit groups:

6401 TELLERS

6403 CASHIERS

6405 TICKET SALESPERSONS

6401 TELLERS

TELLERS receive and pay out money in financial and commercial institutions. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of year 11-12 at secondary school and 6 months experience as a clerk. 2-6 months on-the-job training is usual.

TASKS include:

- receiving money or cheques
- · verifying records and issuing receipts
- paying out money from customers' accounts
- · crediting or debiting customers' accounts
- · recording all daily or periodical transactions
- balancing cash and informing management of cash position
- · operating computerised cash register or terminal

OCCUPATIONS

6401-01 Supervisor, Tellers

6401-11 Teller

6403 CASHIERS

CASHIERS receive cash, register payments, make payments and bank funds on behalf of retail stores or other organisations. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school. 1-4 weeks on-the-job training is usual.

TASKS include:

- · checking goods purchased by customers
- operating a cash register
- receiving cash or credit card payment and issuing receipts
- · processing payment received through mail
- counting and recording moneys received and checking against sales dockets or other documentation
- · preparing petty cash disbursements
- · arranging and conducting banking business

OCCUPATIONS

6403-01 Supervisor, Cashiers Checkout Supervisor (a)

6403-11 Checkout Operator Service Station Console Operator (s)

6403-13 Office Cashier

6405 TICKET SALESPERSONS

TICKET SALESPERSONS collect fares, sell tickets and make reservations for travel, sporting or entertainment venues, or accept wagers and pay out minor winnings in lottery offices or betting shops.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school. 2-4 weeks on-the-job training is usual.

TASKS include:

- receiving fares and issuing tickets, working either aboard a bus or tram or at a stop
- accounting for money and unsold tickets at end of shift
- checking available seating, services and timetables and making reservations over-the-counter or by telephone
- · issuing tickets or receipts
- · accepting wagers and issuing tickets
- · paying out winning bets and minor lottery winnings

OCCUPATIONS

6405-11 Ticket Seller Airline Traffic Officer (P.

Airline Traffic Officer (Passenger Services) (s) Booking Clerk (s) Reservations Clerk (s) TAB Clerk (s)

6405-13 Transport Conductor Bus Conductor (s)

Bus Conductor (s) Train Conductor (s) Tram Conductor (s)

MINOR GROUP 65 MISCELLANEOUS SALESPERSONS

MISCELLANEOUS SALESPERSONS perform tasks which involve the sale of goods and non-personal services, other than those sold by occupations in Minor Groups 61-64 above, to members of the public.

Most occupations in this minor group have a level of skill commensurate with Year 10 at secondary school, and 1-12 months on-the-job training. However, some require higher qualifications.

Tasks performed by Miscellaneous Salespersons typically include selling goods from vans or footpaths; buying goods for immediate resale to the public; mixing and selling drinks in bars and restaurants; serving food and drink to customers in restaurants; advising clients on travel options, tours and accommodation, and making bookings for them; auctioning items on behalf of owners; demonstrating products in retail establishments; and arranging and providing rental, motor vehicle driveway service and other non-personal services.

Occupations in this minor group are classified into the following unit groups:

6501 STREET VENDORS, CANVASSERS AND SALES DRIVERS

6503 BAR ATTENDANTS

6505 WAITERS AND WAITRESSES

6507 TRAVEL AGENTS

6599 OTHER SALESPERSONS

6501 STREET VENDORS, CANVASSERS AND SALES DRIVERS

STREET VENDORS, CANVASSERS AND SALES DRIVERS sell or buy merchandise at a set outdoor location or route or solicit orders and sell merchandise by telephone or door-to-door. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school. 1 month on-the-job training is usual.

TASKS include:

- appraising items for sale, offering price and negotiating contract for collection
- displaying products or catalogue of products to customers or describing merchandise over the telephone
- receiving payment on the spot or arranging for delivery of goods and collection of payment
- stocking and driving van for door-to-door sales
- loading and unloading push-cart or truck to transport goods to street location

OCCUPATIONS

6501-01 Supervisor, Street Vendors, Canvassers and Sales Drivers

6501-11 Scrap Merchant Scrap Materials Buyer (a) Bottle Dealer (s)

6501-13 Cash Van Salesperson Milk Vendor (s)

6501-15 Door-to-Door Salesperson

Canvasser (s) Fund Raiser (s)

6501-17 Street Vendor Newsboy/girl (s)

6503 BAR ATTENDANTS

BAR ATTENDANTS prepare and serve drinks to patrons in licensed drinking establishments, or behind bars in dining establishments They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 3 month basic vocational course.

TASKS include:

- · taking orders for drinks at the bar
- pouring and mixing cocktails and other drinks
- operating a cash register
- · receiving payment for drinks and snacks
- replenishing drink dispensers, shelves and refrigerators with new supplies
- washing used glassware
- cleaning the bar service area

OCCUPATIONS

6503-01 Supervisor, Bar Attendants Bar Manager (a)

6503-11 Bar Attendant Bar Steward/Stewardess (a) Barman/maid (a)

GROUP DEFINITIONS

SALESPERSONS AND PERSONAL SERVICE WORKERS

RELATED OCCUPATION

6505-13 Drink Waiter/Waitress

6505 WAITERS AND WAITRESSES

WAITERS AND WAITRESSES welcome patrons and serve food and beverages to tables in dining establishments. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a certificate or diploma in Hospitality Studies (up to 20 weeks) or a trade certificate. 1-12 months on-the-job training is usual.

TASKS include:

- receiving and recording dining reservations by telephone
- · welcoming patrons, and escorting to table
- · setting tables with clean linen, cutlery and glasses
- presenting menus and wine lists to patrons
- · writing order and relaying it to kitchen or bar staff
- · serving food and wine
- · attending patrons to fulfill any additional requests
- preparing and presenting bill and receiving payment

OCCUPATIONS

- 6505-01 Supervisor, Waiters and Waitresses Head Waiter/Waitress (a) Maitre d'Hotel (a) Dining Room Host/Hostess (s)
- 6505-11 Formal Service Waiter/Waitress
 Silver Service Waiter/Waitress (a)
- 6505-13 Drink Waiter/Waitress
 Wine Steward/Stewardess (s)
 Wine Waiter/Waitress (s)
- 6505-15 Waiter/Waitress (General)
 Food Steward/Stewardess (a)
 Dining Room Attendant (s)

· planning and preparing written itinerary with clients

- · selling tickets and receiving payment
- · recording sales transactions

OCCUPATIONS

6507-11 Travel Agent (Commercial) Travel Consultant (a)

6507-13 Tourist Officer Tourist Adviser (a)

6599 OTHER SALESPERSONS

This unit group covers occupations not elsewhere classified in Minor Group 65, Miscellaneous Salespersons.

OCCUPATIONS

6599-11 Auctioneer

6599-13 Auction Room Attendant

6599-15 Sales Demonstrator

6599-17 Rental Salesperson Rental Clerk (a)

6599-19 Service Counter Clerk

6599-21 Service Station Attendant Driveway Attendant (a)

6599-99 Salespersons nec Model (s)

6507 TRAVEL AGENTS

TRAVEL AGENTS plan and organise travel and accommodation arrangements for clients.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school. 1-3 months on-the-job training is usual.

TASKS include:

- providing literature and information to travellers concerning local, interstate and international tours, travel routes, accommodation and fares
- discussing clients' requirements and advising on suitable options
- · making travel and accommodation bookings
- notifying clients of luggage limits and medical, passport, visa and currency requirements

MINOR GROUP 66 PERSONAL SERVICE WORKERS

PERSONAL SERVICE WORKERS provide basic nursing, child care and other services to individuals for the enhancement of their health, welfare and comfort.

Most occupations in this minor group have a level of skill commensurate with a 1-2 year basic vocational certificate and 1-24 months on-the-job training.

Tasks performed by Personal Service Workers typically include serving meals to children in child care establishments, to persons requiring care at home, or to passengers in ships, trains and aircraft; explaining safety procedures to passengers; giving emotional support to sick, distressed or aged persons; bathing and dressing children, hospital patients, and sick or aged persons in their own homes; cleaning medical equipment and homes of invalids; monitoring patients' vital signs; minding children; arranging funerals on behalf of bereaved clients; providing facial therapy to enhance health and beauty; and massaging muscles to enhance condition.

Professionals and para-professionals who provide services for the health and welfare of people are excluded from this minor group, because these occupations require professional or para-professional qualifications. They can be found in Minor Groups 23, Health Diagnosis and Treatment Practitioners, 26, Social Professionals, 34, Registered Nurses, and 39, Miscellaneous Para-professionals.

Occupations in this minor group are classified into the following unit groups:

6601 CHILD CARE, REFUGE AND RELATED WORKERS

6603 ENROLLED NURSES

6605 DENTAL NURSES

6607 HOME COMPANIONS AND AIDES

6609 TRAVEL STEWARDS

6699 OTHER PERSONAL SERVICE WORKERS

6601 CHILD CARE, REFUGE AND RELATED WORKERS

CHILD CARE, REFUGE AND RELATED WORKERS provide care and supervision for children in pre-schools, residential child care establishments (including government security institutions) and non-residential care centres, provide adults and children in refuges with emotional support and a referral service.

SKILL LEVEL

The entry requirement for some of the occupations in this unit group is completion of year 10 at secondary school or a 1-2 year basic vocational certificate. 6 months on-the-job training is usual. State welfare and education authorities may require Pre-School Aides and Child Care Aides to be registered.

TASKS include:

- planning, conducting and participating in programmes of games and activities to encourage social, emotional, physical and intellectual development in children
- laying out toys, recreational equipment, paints, paper, glue, clay and other materials for children's activities
- waking, washing, dressing and feeding children in residential care
- · explaining behaviour standards
- preparing disciplinary reports on children in security institutions

- implementing disciplinary measures
- · preparing and serving meals
- · cleaning premises and putting equipment away
- · organising accommodation in refuge
- · ensuring refuge security
- referring refuge residents to appropriate qualified practitioners, authorities or agencies for assistance
- · caring for disabled or handicapped children

OCCUPATIONS

6601-11 Pre-School Aide Kindergarten Assistant (s)

6601-13 Child Care Aide Child Care Assistant (a)

6601-15 Child Care Attendant
Baby Sitter (s)
Child Minder (s)
Children's Nursery Assistant (s)
Creche Attendant (s)
Day Care Worker (s)

6601-17 Hostel Parent Cottage Parent (a) House Parent (a)

6601-19 Child Care Group Worker

6601-21 Refuge Worker

SALESPERSONS AND PERSONAL SERVICE WORKERS

6601-99 Child Care, Refuge and Related Workers

nec Governess (s) Nanny (s)

Nanny (s)
Special Teaching Assistant (s)

RELATED OCCUPATIONS

2401-11 Pre-Primary School Teacher 3401 Registered Nurses 3901 Welfare Para-professionals 3901-17 Youth Worker

6603 ENROLLED NURSES

ENROLLED NURSES assist registered nurses, doctors and other health professionals by giving basic nursing care to patients in hospitals and nursing homes, caring for infants and young children in infant homes, nurseries and day care centres, and performing ancillary duties specific to particular aspects of medical treatment (urology, surgery, first aid, etc.), and advise mothers on health matters and infant care.

SKILL LEVEL

The entry requirement for this unit group is a 1 year basic vocational certificate. 12-18 months on-the-job training is usual.

TASKS include:

- · bathing, dressing and undressing patients
- recording temperature, pulse and respiration rates and fluid intake
- assisting patients with rehabilitation exercises
- advising mothers on feeding, hygiene and health care for infants
- · cleaning and sterilising equipment
- assisting in administering machine treatment or in applying traction equipment
- processing, labelling and filing X-rays

OCCUPATIONS

6603-11 Enrolled Nurse
Mothercraft Nurse (s)
Motherhood Nurse (s)
Nurses' Aide (s)

6603-91 Student Enrolled Nurse

RELATED OCCUPATIONS

2317-11 Chiropractor 3401 Registered Nurses 3909-11 Ambulance Officer

6605 DENTAL NURSES

DENTAL NURSES prepare patients for dental examination and assist Dentists in providing treatment.

SKILL LEVEL

The entry requirement for this unit group is a 1 year basic vocational certificate. 2 years on-the-job training is usual, is compl

TASKS include:

- handing required equipment and medication to dentist
- · preparing materials for fillings
- pouring, tracing and mounting plaster models for dental impressions
- taking X-rays, processing and mounting X-ray films
- cleaning mouth with water sprays and suction devices, polishing teeth, applying fluoride
- · cleaning and sterilising equipment

OCCUPATIONS

6605-11 Dental Nurse
Dental Assistant (s)

6607 HOME COMPANIONS AND AIDES

HOME COMPANIONS AND AIDES provide company and services in the home to families and sick or aged persons, and advise on welfare contacts for families experiencing difficulty.

SKILL LEVEL

There is no specific entry requirement for this unit group.

TASKS include:

- · providing emotional support and companionship
- · shopping for and preparing food
- assisting aged or sick employers with dressing, undressing and moving about
- minding children and attending to their needs
- arranging contacts with financial support organisations and welfare agencies

OCCUPATIONS

6607-11 Home Companion Home Helper (a)

6607-13 Family Aide Family Support Worker (a)

RELATED OCCUPATIONS

2601 Social Workers 2603 Counsellors 3901-15 Welfare Officer

6609 TRAVEL STEWARDS

TRAVEL STEWARDS provide meals and other services for the comfort and safety of passengers in ships, railway sleeping cars and aircraft. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school. 1-3 months on-the-job training is usual.

TASKS include:

- assisting in preparing meals
- serving refreshments, meals and drinks to

passengers

- loading and unloading luggage and assisting with hand luggage
- preparing cabin beds and distributing pillows, blankets and reading materials
- answering queries and providing information on taxis and hire cars
- demonstrating use of life jackets and oxygen masks and explaining other safety procedures
- · administering first aid
- · providing room service for passengers and crew

OCCUPATIONS

6609-01 Supervisor, Travel Stewards Aircraft Purser (s) Chief Marine Steward (s) Senior Flight Attendant (s)

Senior Flight Attendant (s) Senior Railway Steward (s)

6609-11 Flight Attendant

6609-13 Marine Steward

6609-15 Railway Steward
Railway Conductor (Sleeping Car) (s)

6699 OTHER PERSONAL SERVICE WORKERS

This unit group covers occupations not elsewhere classified in Minor Group 66, Personal Service Workers.

OCCUPATIONS

6699-11 Funeral Director Mortician (a) Undertaker (a) Embalmer (s)

6699-13 Tourist Guide Tour Leader (s)

6699-15 Beauty Therapist Beautician (s) Hair Remover (s) Manicurist (s)

6699-17 Masseur/Masseuse

6699-99 Personal Service Workers nec Butler (s) Croupier (s) Escort (s) Marriage Celebrant (s) Military Steward (s) Prostitute (s) Tattooist (s)

MAJOR GROUP 7 PLANT AND MACHINE OPERATORS, AND DRIVERS

PLANT AND MACHINE OPERATORS, AND DRIVERS operate vehicles and other large equipment to transport passengers and goods, to move materials, to generate power, and to perform various agricultural and manufacturing functions. These tasks require some judgement and are performed under limited supervision.

Occupations in this major group require no formal education or experience but usually require 3-24 months on-the-job training. They often require specially endorsed licences.

Tasks performed by Plant and Machine Operators, and Drivers typically include setting up, controlling and monitoring stationary equipment either directly or by remote control; driving road and rail transport vehicles to scheduled destinations; driving mobile plant to worksites and controlling its operation; cleaning their own machinery and performing minor repairs; and maintaining production records.

Occupations in this major group are classified into the following minor groups:

71 ROAD AND RAIL TRANSPORT DRIVERS

72 MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)

73 STATIONARY PLANT OPERATORS

74 MACHINE OPERATORS

MINOR GROUP 71 ROAD AND RAIL TRANSPORT DRIVERS

ROAD AND RAIL TRANSPORT DRIVERS operate trains, buses, cars, vans, trucks and motorcycles to transport passengers and goods.

Occupations in this minor group have a level of skill commensurate with 1-4 months on-the-job training. They often require specially endorsed licences.

Tasks performed by Road and Rail Transport Drivers typically include manipulating vehicle controls to determine direction and speed; monitoring gauges and vehicle condition generally; observing road conditions, traffic and signals; loading and unloading freight, luggage and mail or assisting with these functions; and assisting or directing passengers into and out of vehicle.

This minor group includes Courier Drivers, because they deliver goods; and Underground Locomotive Drivers, because they specialise in driving locomotives to transport people, equipment and ore, often over long distances.

Postmen/women and other messengers are excluded from this minor group because they are primarily concerned with the delivery of mail and messages rather than goods. They are located in Unit Group 5603, Messengers and Delivery Officers. Underground Truck Operators are excluded as they operate specialised underground trucks to move ore over short distances as an integral part of the mining operation, and often operate other mining plant as well. They are located in Unit Group 7201, Excavating and Earthmoving Plant Operators. Fire truck drivers, test drivers and racing car drivers are excluded as they drive motor vehicles for purposes other than transport. Fire truck drivers are located in Unit Group 7211, Fire Fighters, test drivers in Unit Group 7299, Other Mobile Plant Operators (Except Transport), and racing drivers in Unit Group 3915, Sportspersons and Related Workers. Vendors who drive vans or trucks are excluded because their primary task is selling. They are located in Unit Group 6301, Sales Assistants.

Occupations in this minor group are classified into the following unit groups:

7101 BUS AND TRAM DRIVERS

7103 AUTOMOBILE DRIVERS

7105 TRUCK DRIVERS

7107 LOCOMOTIVE DRIVERS

7101 BUS AND TRAM DRIVERS

BUS AND TRAM DRIVERS operate motor powered buses or electric powered tram cars to transport passengers over established or special routes.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-3 months on-the-job training is usual. An appropriate licence is required.

TASKS include:

- operating vehicle by manipulating levers and pedals to control power and brakes
- starting, driving and stopping the vehicle
- opening and shutting doors to allow passengers to board or alight at stops
- · complying with traffic regulations and rules
- changing controls and power supply pole at terminus to enable tram to be driven from other end

OCCUPATIONS

7101-11 Bus Driver Coach Captain (s) 7101-13 Tram Driver

7103 AUTOMOBILE DRIVERS

AUTOMOBILE DRIVERS are employed to drive vehicles to transport passengers for a salary or a fee pre-determined and pre-paid, or determined by taximeter, in accordance with transport regulations.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-2 weeks on-the-job training is usual. An appropriate licence is required.

TASKS include:

- picking up passengers at appointed venues, or stopping when hailed, and driving to designated destination
- communicating with radio control centre to receive booking details and to report on location and availability

GROUP DEFINITIONS

PLANT AND MACHINE OPERATORS, AND DRIVERS

- assisting passengers with handling and storage of luggage
- collecting and distributing parcels and mail or acting as courier
- cleaning, servicing, maintaining and repairing vehicles

COMMENTS

Taxi drivers may be self-employed.

OCCUPATIONS

7103-11 Automobile Driver
Chauffeur/Chauffeuse (s)
Hire Car Driver (s)
Taxi Driver (s)

7105 TRUCK DRIVERS

TRUCK DRIVERS drive delivery and furniture removal vans and trucks to transport goods and materials.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-3 months on-the-job training is usual. An appropriate licence is required.

TASKS include:

- · manoeuvring vehicles to load or unload goods
- · loading and unloading vehicle
- · stowing and securing loads
- · driving vehicle to destination
- reporting and acting on vehicle maintenance needs
- · maintaining logbook detailing vehicle movements
- verifying loading documents at pick up point, obtaining certification of delivery and checking condition of goods

OCCUPATIONS

7105-11 Delivery Driver
Van Driver (a)
Courier Driver (s)
Taxi Truck Driver (s)

7105-13 Heavy Truck Driver Concrete Mixer Driver (s) Haul Truck Driver (s)
Log Hauler (s)
Road Train Driver (s)
Semi-Trailer Driver (s)
Stock Transport Driver (s)
Tanker Driver (s)
Tow Truck Driver (s)

7105-15 Furniture Removalist-Driver

7107 LOCOMOTIVE DRIVERS

LOCOMOTIVE DRIVERS drive railway engines or self propelled rolling stock as part of a railway system. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 3-5 years previous experience. 2-4 months on-the-job training is usual.

TASKS include:

- checking locomotive to ensure safety of engine prior to use
- observing gauges, indications and signals prior to commencement of journey
- monitoring indicator gauges of engine throughout the journey
- observing signal directions and track
- driving locomotive, stopping at stations for passengers or freight
- reporting irregularities in engine or rolling stock

OCCUPATIONS

7107-01 Supervisor, Locomotive Drivers

7107-11 Locomotive Driver
Locomotive Engineman/woman (a)
Rail Car Driver (s)
Train Driver (s)
Underground Locomotive Driver (s)

7107-91 Trainee Locomotive Driver
Assistant Locomotive Driver (s)
Locomotive Observer (s)
Railway Fireman/woman (s)

MINOR GROUP 72 MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)

MOBILE PLANT OPERATORS (EXCEPT TRANSPORT) operate mechanical plant whose mobility is essential to its function, for a variety of purposes other than the transportation of goods or passengers.

Occupations in this minor group have a level of skill commensurate with 3-24 months on-the-job training. They often require special licences.

Tasks performed by Mobile Plant Operators (except Transport) typically include driving plant to worksite; selecting and fitting attachments; driving or manoeuvring plant on site; manipulating controls to operate attachments, including pumps on fire engines, mechanically, hydraulically or electrically so as to pick up or deposit material, and servicing and maintaining plant.

This minor group includes Underground Truck Operators, because they operate specialised underground trucks to move ore short distances underground as an integral part of the mining operation, and often operate other mining plant as well; Fire Fighters who drive motor vehicles, because these vehicles are primarily concerned with fire fighting rather than transport; and Fork Lift and Related Drivers, because they move heavy or awkward loads over very short distances.

Underground Locomotive Drivers are excluded from this minor group because they specialise in driving locomotives to transport people, equipment and ore, often over large distances. They are located in Unit Group 7107, Locomotive Drivers. Drilling Rig Operators are excluded because, although drilling rigs are portable, their mobility is not essential to their function. They are located in Unit Group 7317, Drilling Plant Operators. Crane Operators who operate mobile cranes are excluded because they cannot reliably be distinguished in statistical collections from stationary Crane Operators. They are located in Unit Group 7311, Crane Operators.

The occupations in this minor group are classified into the following unit groups:

- 7201 EXCAVATING AND EARTHMOVING PLANT OPERATORS
- 7203 FORKLIFT AND RELATED DRIVERS
- 7205 LOGGING PLANT OPERATORS
- 7207 PAVING AND SURFACING PLANT OPERATORS
- 7209 AGRICULTURAL PLANT OPERATORS
- 7211 FIRE FIGHTERS
- 7299 OTHER MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)

7201 EXCAVATING AND EARTHMOVING PLANT OPERATORS

EXCAVATING AND EARTHMOVING PLANT OPERATORS operate machinery used to excavate soil, ore and rock, break up pavement, road, rock and obstructions, move and load earth, rock and debris and level, smooth and compact surfaces, in construction, mining, forestry and other projects. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 1-4 years previous experience in a related labouring area. On-the-job training varies widely from 1 month to 2 years.

TASKS include:

 operating plant and selecting and operating attachments (winch, tree faller, loading scoop, bucket, bucket chain or wheel, drill, rock breaking hammers, and blades with or without teeth)

- raising, lowering and manipulating attachments using manual or electrical controls
- driving and manoeuvring plant within surveyors' pegs or working from drawings, markers or verbal instructions
- monitoring operation of equipment and ensuring safety of other workers particularly within mines or on mining sites
- servicing, lubricating, cleaning and refuelling equipment, performing minor repairs
- communicating with other operators for on-site co-ordination

OCCUPATIONS

7201-01 Supervisor, Excavating and Earthmoving Plant Operators
Dragline Supervisor (s)
Pit Supervisor (s)
Shift Boss (Mining) (s)

7201-11 Bulldozer Operator

PLANT AND MACHINE OPERATORS, AND DRIVERS

7201-13 Scraper Operator (Earthmoving)

7201-15 Back-hoe Operator

7201-17 Trench-digging Machine Operator

7201-19 Loader Operator (Earthmoving)
Bobcat Operator (s)
Front-end Loader Operator (s)

7201-21 Open Cut Mining Plant Operator
Bucketwheel Excavator Operator (s)
Dragline Operator (s)
Mining Shovel Operator (s)

7201-23 Underground Plant Operator
Continuous Mining Machine Operator (s)
Development Machine Miner (s)
Longwall Miner Operator (s)
Mechanical Bogger Operator (s)
Underground Truck Operator (s)

7201-25 Dredge Operator

7201-27 Grader Operator

7201-29 Excavator Operator
Hydraulic Rock Breaker Operator (s)

7201-91 Trainee Excavating and Earthmoving Plant Operator
Dragline Oiler (s)
Shovel Greaser (s)
Shovel Oiler (s)

7203 FORKLIFT AND RELATED DRIVERS

FORKLIFT AND RELATED DRIVERS operate motorised trucks equipped with either hydraulic fork lift or platform, or elevated frame with levers, to move crates, palletised goods, cartons, bales, timber, shipping containers and other heavy, large or unwieldy loads.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-4 months on-the-job training is usual. An appropriate licence is required.

TASKS include:

- operating controls of fork lift to align truck and raise or lower fork to stack or unstack articles
- positioning load against heel of forks to maintain stability of load and truck
- driving loaded truck to required position
- driving straddle carrier to position straddle frame and mechanism above load
- operating controls to move levers to grasp load, raise it and drive to delivery point
- servicing machinery, repairing minor faults and reporting mechanical problems to supervisor

OCCUPATIONS

7203-11 Forklift Driver
Reach Truck Driver (s)
Turret Truck Driver (s)

7203-13 Straddle Carrier Operator

7205 LOGGING PLANT OPERATORS

LOGGING PLANT OPERATORS operate machines to fell trees, cut them into logs, and load or transport logs onto trucks.

SKILL LEVEL

The entry requirement for this unit group is 1 year of previous experience. 3-6 months on-the-job training is usual. A driver's licence and licence to operate specialised machinery is required.

TASKS include:

- positioning plant, blades, crane boom, grapple and other equipment
- · operating machinery to hold, sever and lift trees
- operating attachments to lift, swing, release or sort trees or logs for size
- feeding felled trees into processors for delimbing and cutting into logs
- transporting logs to loading areas and pushing into bundles
- · loading logs onto stock pile or into truck
- · servicing machinery and performing minor repairs

OCCUPATIONS

7205-11 Logging Plant Operator Forwarder Operator (s) Skidder Operator (s) Tree Feller Operator (s)

RELATED OCCUPATIONS

8203 Forestry Labourers

7207 PAVING AND SURFACING PLANT OPERATORS

PAVING AND SURFACING PLANT OPERATORS operate machines to spread and level hot bituminous paving materials or lay concrete on highways, streets and parking areas. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-6 months on-the-job training is usual. An appropriate licence is required for some equipment.

TASKS include:

- signalling driver to position vehicle for dumping load
- regulating temperature of material flowing from hopper
- driving machine along specified path observing distribution of paving material and operating controls to maintain specified paving thickness
- operating controls to advance spreader
- · adjusting screed to desired paving width
- operating road roller to smooth and compact surface
- · cleaning, servicing and maintaining machinery

OCCUPATIONS

7207-01 Supervisor, Paving and Surfacing Plant

PLANT AND MACHINE OPERATORS, AND DRIVERS

GROUP DEFINITIONS

Operators

7207-11 Paving Plant Operator

7207-13 Road Roller Operator Compactor Operator (a)

7209 AGRICULTURAL PLANT OPERATORS

AGRICULTURAL PLANT OPERATORS operate tractor-drawn or self-propelled machinery to clear and cultivate land, sow and harvest plants in an agricultural or amenity horticultural operation.

SKILL LEVEL

The entry requirement for this unit group is 6-12 months previous experience. 1-6 months on-the-job training is usual. A driver's licence is required.

TASKS include:

- · driving or transporting machines to work site
- · attaching implements or equipment to tractor
- operating tractor-drawn or self-propelled machinery to plough land, fertilise, plant, cultivate, spray or harvest crops
- performing gardening duties with specialised machinery such as rotary hoes and auto scythes
- adjusting speed, height or depth of machinery or attached implements
- · servicing and repairing machinery

OCCUPATIONS

7209-11 Farm Machinery Operator
Cotton Picking Machine Operator (s)
Farm Tractor Driver (s)
Harvester Operator (s)

7209-13 Amenity Horticulture Machine Operator Auto Scythe Operator (s) Rotary Hoe Operator (s)

7211 FIRE FIGHTERS

FIRE FIGHTERS control or extinguish fires and protect life and property threatened by fires or accidents, and participate in and co-ordinate fire prevention activities. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit

group although 3 months - 2 years on-the-job training is usual.

TASKS include:

- operating pumps and spraying water, foam or chemicals from hose or extinguisher to put out fires or to disperse or neutralise dangerous substances
- developing fire-fighting and rescue techniques to combat specific hazards
- co-ordinating training of volunteers and instructing in fire-prevention, fire-fighting, rescue and use of breathing apparatus
- driving fire truck or other vehicle to scene of fire or emergency
- rescuing people from dangerous or inaccessible places using ladders or elevating platforms
- · administering first aid and artificial respiration
- · organising operations of a fire brigade
- investigating fire hazards and taking or co-ordinating necessary fire prevention action

OCCUPATIONS

7211-01 Supervisor, Fire Fighters

7211-11 Fire Fighter
Fire Engineer (Army) (s)
Fire Prevention Officer (s)

7299 OTHER MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)

This unit group covers occupations not elsewhere classified in Minor Group 72, Mobile Plant Operators (Except Transport).

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-12 months on-the-job training is usual. An appropriate licence is required for some equipment.

OCCUPATIONS

7299-11 Railway Track Repair Machine Operator

7299-99 Mobile Plant Operators nec
Cable Ferry Operator (s)
Military Aircraft Handler (s)
Recovery Mechanic (Army) (s)
Road Linemarker (s)
Road Sweeper Operator (s)
Specialist Vehicles Operator (Army) (s)

MINOR GROUP 73 STATIONARY PLANT OPERATORS

STATIONARY PLANT OPERATORS operate large and complex mechanical equipment which is often fully or partly automated (including large or multi-stage manufacturing equipment), at a fixed location.

Occupations in this minor group have a level of skill commensurate with 3-24 months on-the-job training. They often require special licences.

Tasks performed by Stationary Plant Operators typically include controlling supply of power or fuel, and quantity and mix of materials to be processed or handled; starting plant; visually monitoring operation of plant, directly or by referring to instruments, to ensure safe operation and satisfactory level of throughput; manipulating controls of plant to move materials, transfer materials between process phases, or control electricity distribution; and monitoring condition of plant, reporting major problems and repairing minor defects.

This minor group includes operators of small furnaces and kilns because they perform similar tasks to the operators of large ones, and cannot reliably be distinguished from them in statistical collections. Crane Operators, who may operate both stationary and mobile cranes, are included in this minor group.

Plastics, Rubber, Chemical and similar Production Machine Operators are excluded from this minor group as they operate separate machines which perform discrete single manufacturing operations rather than integrated manufacturing plant. They are included in Minor Group 74, Machine Operators.

Occupations in this minor group are classified into the following unit groups:

- 7301 POWER GENERATION PLANT OPERATORS
- 7303 ENGINE AND BOILER OPERATORS (EXCEPT POWER GENERATION)
- 7305 CHEMICAL PLANT OPERATORS
- 7307 PETROLEUM AND GAS PLANT OPERATORS
- 7309 BULK MATERIALS HANDLING PLANT OPERATORS
- 7311 CRANE OPERATORS
- 7313 HOIST, WINCH AND LIFT OPERATORS
- 7315 FURNACE AND KILN OPERATORS
- 7317 DRILLING PLANT OPERATORS
- 7399 OTHER STATIONARY PLANT OPERATORS

7301 POWER GENERATION PLANT OPERATORS

POWER GENERATION PLANT OPERATORS operate equipment for the generation, distribution and transmission of electric power. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a basic or post-trade certificate and previous experience of 5 years. On-the-job training of 5 years is usual.

TASKS include:

- · controlling the flow of fuel to generating equipment
- opening and closing power switches to control the distribution of electricity over feeder circuits between generating station and sub-stations and to transfer load between circuits
- shutting down boiler or turbine to decrease power output

- observing instruments and switchboard to monitor the operation of generator and turbine, and the transmission of electricity
- recording details of equipment performance, instrument readings and switching operations
- · cleaning and lubricating components and equipment

OCCUPATIONS

- 7301-01 Supervisor, Power Generation Plant Operators
- 7301-11 Power Generation Plant Operator
 Hydro-electric Station Operator (s)
 Power Generation Turbine Room Operator
 (s)

7303 ENGINE AND BOILER OPERATORS (EXCEPT POWER GENERATION)

ENGINE AND BOILER OPERATORS (EXCEPT POWER GENERATION) operate various types of stationary engines (including marine engines) and associated mechanical equipment.

SKILL LEVEL

There is no formal entry requirement for this unit group, although Stationary Engine and Boiler Operator requires a 3-6 months basic certificate. 1-4 years on-the-job training is usual.

TASKS include:

- setting valves, levers and switches to control the output of engines, boilers, refrigeration systems, air conditioning systems and associated mechanical equipment
- observing instrument readings to ensure efficient operation of engines and machinery and to detect malfunctions
- lubricating moving parts and replenishing oil and grease
- · cleaning machinery, gauges and instruments
- recording instrument readings, hours of operation, fuel consumption and power output

OCCUPATIONS

7303-11 Stationary Engine and Boiler Operator
Air-Conditioning Plant Operator (s)
Boiler Attendant (s)
Motorman/woman (Fluids Drilling) (s)
Refrigeration Plant Operator (s)
Sugar Mill Engine Driver (s)

7303-13 Marine Engine and Boiler Operator Marine Greaser (s)

RELATED OCCUPATIONS

3307-11 Marine Engineer

7305 CHEMICAL PLANT OPERATORS

CHEMICAL PLANT OPERATORS operate equipment used in the production of chemicals. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 3 years previous experience as an assistant.

TASKS include:

- controlling the preparation and measuring of raw material
- controlling the feeding of raw material and processing agents into the plant
- setting controls and operating machinery to initiate and regulate chemical processes
- checking instruments and equipment to ensure proper operation
- taking samples for testing
- · recording process data

OCCUPATIONS

7305-01 Supervisor, Chemical Plant Operators
Supervisor, Chemical Pilot Plant Operators
(s)

7305-11 Chemical Plant Operator
Distiller (Chemicals) (s)
Fermentation Operator (Chemicals) (s)
Industrial Gas Production Operator (s)
Paint Maker (s)
Pharmaceutical Plant Operator (s)
Pilot Plant Operator (s)

7305-91 Trainee Chemical Plant Operator

RELATED OCCUPATIONS

1399-11 Engineering Manager 3103-13 Chemistry Technician

7307 PETROLEUM AND GAS PLANT OPERATORS

PETROLEUM AND GAS PLANT OPERATORS operate equipment to process oil and gas, to distribute refined products, to pump treatment agents into well holes and to test well pipes. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-24 months on-the-job training is usual.

TASKS include:

- setting and monitoring operating controls on equipment
- transferring oil and gas from well to refinery, within the refinery and from the refinery to the terminal by operating pumping equipment
- operating processing equipment to refine natural gas, manufacture refined petroleum products, and blend petroleum base stocks
- pumping treatment agents into well to stimulate oil and gas flow, seal rock formations or plug disused wells
- testing well pipes for leaks and fractures and taking samples of oil and gas from wells
- recording details of operations, production, quantities transferred and test data

OCCUPATIONS

7307-01 Supervisor, Petroleum and Gas Plant Operators
Supervisor, Oil and Gas Well Treatment Operators (s)
Supervisor, Oil, Gas and Pipe Testing Operators (s)

7307-11 Petroleum and Gas Refining and Pumping
Operator
Gas Compressor Turbine Operator (s)
Grease Manufacturing Plant Operator (s)
Petroleum Blending Plant Operator (s)
Petroleum Process Unit Operator (s)
Petroleum Shipping Plant Operator (s)

7307-13 Oil and Gas Well Treatment Operator
Oil Well Cementer (s)
Well Treatment Blender Operator (s)
Well Treatment Pump Operator (s)

7307-15 Oil, Gas and Pipe Tester
Oil and Gas Production Testing Operator
(s)
Torque-turn Computer Operator (s)

GROUP DEFINITIONS

7309 BULK MATERIALS HANDLING PLANT OPERATORS

BULK MATERIALS HANDLING PLANT OPERATORS operate equipment to load, unload, move or store bulk materials. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 1-12 months previous experience. 1-3 months on-the-job training is usual. State government licences may be required to operate some types of equipment.

TASKS include:

- · starting and stopping equipment
- monitoring equipment visually, through gauges and instruments, or through computerised equipment
- operating equipment to stockpile bulk materials, move bulk materials, liquids and fluidised solids, load and unload bulk materials from railway cars and ships
- communicating with other operators to co-ordinate actions
- inspecting controls and equipment to identify wear and damage
- reporting shift operations, level of productivity and breakdowns

OCCUPATIONS

7309-01 Supervisor, Bulk Materials Handling Plant Operators
Supervisor, Fluids Loading and Unloading Plant Operators (s)

7309-11 Bulk Materials Handling Plant Operator
Bucketwheel Reclaimer Operator (s)
Bulk Fluids Handler (s)
Car Dumper Operator (s)
Conveyor Belt Operator (s)
Grain Handler (s)
Ore Stacker Operator (s)
Tank Farm Operator (s)
Train Loader Operator (s)

7311 CRANE OPERATORS

CRANE OPERATORS operate stationary or mobile cranes to lift, move and lower objects. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 2-4 months on-the-job training is usual. State governments issue licences.

TASKS include:

- operating controls to rotate crane, move crane on fixed rails, raise and lower boom, and raise and lower hook
- communicating with rigger to position hook and to raise, move and place loads
- · checking instruments
- inspecting equipment for malfunctions or wear
- lubricating ropes and winches on crane and replacing worn cables

OCCUPATIONS

7311-01 Supervisor, Crane Operators

7311-11 Crane Operator Cherry Picker Operator (s) Portainer Operator (s)

RELATED OCCUPATIONS

8405-13 Rigger (Construction) 8499-13 Crane Chaser

7313 HOIST, WINCH AND LIFT OPERATORS

HOIST, WINCH AND LIFT OPERATORS operate hoists, winches or lifts to move materials, equipment or people. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-36 months on-the-job training is usual. State governments issue licences and learner's permits for some classes of equipment.

TASKS include:

- operating controls to raise or lower hoist or lift containing materials, equipment or people
- · operating winch to raise, lower or wind in object
- · testing equipment before use to ensure safety
- controlling movement of load directly or by signalling to other operators
- monitoring operation of hoist, winch or lift and instruments to detect malfunctions and problems

OCCUPATIONS

7313-01 Supervisor, Hoist, Winch and Lift Operators

7313-11 Hoist, Winch and Lift Operator Braceman/woman (s)
Mine Cage Attendant (s)
Skipman/woman (s)
Winding Engine Driver (s)

RELATED OCCUPATIONS

7311 Crane Operators

7315 FURNACE AND KILN OPERATORS

FURNACE AND KILN OPERATORS operate furnaces, quenching plants, kilns or ovens to smelt, refine or treat metals, fire ceramics, dry and season wood products and timber, or burn waste. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 1-2 years previous experience as a factory hand or assistant. 1-12 months on-the-job training is usual. Heat Treatment Furnace Operators require a 2 year basic certificate.

TASKS include:

- controlling the introduction of materials to be melted, treated, fired, dried or burned into the furnace, kiln or oven
- · preparing materials to be added to molten metal

- and preparing quenching media for the heat treatment of metals
- operating cooling and quenching equipment to treat metal
- tapping furnaces and feeding molten metal into moulds, crucibles or other processing plant
- removing product and waste from furnace, kiln or oven

OCCUPATIONS

- 7315-01 Supervisor, Furnace and Kiln Operators
 Supervisor, Blast Furnace Operators (s)
 Supervisor, Roasting Plant Operators (s)
 Supervisor, Smelting Plant Operators (s)
- 7315-11 Metals Furnace Operator
 Smelting Furnace Operator (a)
 Basic Oxygen Steelmaking Furnace
 Operator (s)
 Blast Furnace Operator (s)
 Cupelman/woman (s)
 Kettleman/woman (s)
 Open Hearth Furnace Operator (s)
 Pot Operator (Aluminium) (s)
- 7315-13 Heat Treatment Furnace Operator
 Annealer (s)
 Case Hardener (s)
 Hardener (s)
 Soaking Pit Furnace Operator (s)
 Temperer (s)
- 7315-15 Kiln Operator
 Clay Products Kiln Operator (s)
 Ore Roaster Operator (s)
 Pellet Plant Operator (s)
 Timber Kiln Operator (s)
- 7315-17 Incinerator Plant Operator Crematorium Plant Operator (s)

7317 DRILLING PLANT OPERATORS

DRILLING PLANT OPERATORS operate drilling rigs and related equipment to bore wells, shot holes and pilot holes. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 1-2 years previous experience as driller's offsider or mining labourer. 6 months on-the-job training is usual.

TASKS include:

- · moving drilling rig and equipment from site to site
- setting up rig, positioning drilling equipment and connecting power cables and water and air hoses
- operating drilling rig, starting and stopping drill and changing drill bits
- · retrieving broken equipment from holes
- directing offsiders and labourers assisting drilling operations
- recording details of operation, performance of well and information obtained by drilling

OCCUPATIONS

7317-01 Supervisor, Drilling Plant Operators
Master Driller (a)
Toolpusher (a)
Directional Driller (s)

7317-11 Drilling Plant Operator
Air Track Operator (s)
Coal Seam Drill Operator (s)
Diamond Driller (s)
Fishing Tool Operator (s)
Jumbo Drill Operator (s)
Long Hole Drill Operator (s)
Power Tong Operator (s)
Raise Drill Operator (s)
Reeled Tubing Operator (s)
Rock Drill Operator (s)
Rotary Drill Operator (s)
Service Rig Operator (s)
Shaft Sinker (s)
Snubbing Unit Operator (s)
Water Well Driller (s)
Winze Sinker (s)

RELATED OCCUPATIONS

1305 Production Managers 8415-11 Mining Labourer

7399 OTHER STATIONARY PLANT OPERATORS

This unit group covers occupations not elsewhere classified in Minor Group 73, Stationary Plant Operators.

OCCUPATIONS

- 7399-01 Supervisor, Other Stationary Plant Operators
- 7399-11 Mineral Ore Treating Plant Operator
 Coal Preparation Plant Operator (s)
 Flotation Operator (s)
 Ore and Stone Crusher Operator (s)
 Ore Separator Operator (s)
 Ore Treating Solution Operator (s)
 Surface Hydraulic Fill Operator (s)
 Wash Plant Operator (s)
- 7399-13 Metal Rolling Mill Operator Metal Roller (a) Rolling Mill Assistant (s)
- 7399-15 Paper Pulp Preparation Plant Operator
- 7399-17 Wood Chipping and Particleboard Plant
 Operator
 Hardboard Plant Operator (s)
 Hardboard Press Operator (s)
 Oil Tempering Operator (s)
- 7399-19 Railway Switching and Signalling Operator Railway Shunter (s) Railway Yard Assistant (s)
- 7399-21 Timber Treatment Plant Operator
- 7399-23 Concrete Pump Operator
- 7399-25 Insulation Maker Insulation Cupola Operator (s)
- 7399-27 Cement Production Plant Operator
- 7399-29 Water Supply and Treatment Plant Operator Irrigation Supervisor (s)
 Lock Master (Water Transport) (s)
 Sewage Plant Operator (s)
- 7399-31 Electrolytic Cell Operator Electrolytic Refiner (a)
- 7399-33 Carbon Plant Worker Anode Press Operator (s)

Rodding Press Operator (s)

Concrete Batching Plant Operator Premix Concrete Batcher (s) 7399-35

7399-99

Stationary Plant Operators nec Clay Crusher Operator (s) Distiller (Beverages) (s) Lighthouse Keeper (s) Oilseed Processing Operator (s) Weighbridge Operator (s)

RELATED OCCUPATIONS

7105 7107 7401-11 7415 Truck Drivers Locomotive Drivers
Rolling Mill Assistant
Paper and Paper Products Machine

Operators Concrete Worker 8403-11

MINOR GROUP 74 MACHINE OPERATORS

MACHINE OPERATORS operate discrete items of stationary mechanical processing equipment performing a single function, typically a single stage of a manufacturing process.

Occupations in this minor group have a level of skill commensurate with 3-12 months on-the-job training.

Tasks performed by Machine Operators typically include affixing attachments, setting controls, loading material to be processed and preparing surfaces prior to operation; starting machine, observing operation and adjusting controls to regulate temperature, pressure, blend of ingredients and speed of operation; cleaning and lubricating machinery and repairing minor defects; sampling output and checking quality; unloading and storing output; and maintaining production records.

Chemical, Petroleum and Gas Plant Operators are excluded from this minor group because they produce chemical, petroleum and gas products through a number of processes. They are located in Unit Groups 7305 and 7307. Data Processing and Business Machine Operators are excluded because they do not operate mechanical processing equipment, but electronic equipment, and deal with data rather than material input. They are located in Minor Group 52, Data Processing and Business Machine Operators. Tradespersons who operate machines are excluded because they perform tasks of greater range and complexity, requiring the application of a body of practical knowledge. They are located in Major Group 4, Tradespersons.

Occupations in this minor group are classified into the following unit groups:

- 7401 BASIC METAL PRODUCTS MACHINE OPERATORS
- 7403 METAL PRESS OPERATORS
- 7405 OTHER METAL PRODUCTS MACHINE OPERATORS
- 7407 PLASTICS PRODUCTION MACHINE OPERATORS
- 7409 RUBBER PRODUCTION MACHINE OPERATORS
- 7411 CHEMICAL PRODUCTION MACHINE OPERATORS
- 7413 WOOD PROCESSING MACHINE OPERATORS
- 7415 PAPER AND PAPER PRODUCTS MACHINE OPERATORS
- 7417 GLASS PRODUCTION MACHINE OPERATORS
- 7419 CLAY AND STONE PROCESSING MACHINE OPERATORS
- 7421 YARN PRODUCTION MACHINE OPERATORS
- 7423 HIDE AND SKIN PROCESSING MACHINE OPERATORS
- 7425 FABRIC PRODUCTION MACHINE OPERATORS
- 7427 TEXTILE SEWING MACHINISTS
- 7429 SHOEMAKING MACHINE OPERATORS
- 7431 FOOD PROCESSING MACHINE OPERATORS
- 7433 PACKAGING MACHINE OPERATORS
- 7435 PHOTOGRAPHIC PRODUCTS MACHINE OPERATORS
- 7499 OTHER MACHINE OPERATORS

7401 BASIC METAL PRODUCTS MACHINE OPERATORS

BASIC METAL PRODUCTS MACHINE OPERATORS operate machines which produce a variety of basic metal products such as coils, moulds or cores for casting, wire and rods. They may supervise occupations in this unit group. (Metal Press Operators are excluded from this unit group.)

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-12 months on-the-job training is usual.

TASKS include:

- affixing attachments to machine
- selecting computer programs, setting control panel,

PLANT AND MACHINE OPERATORS, AND DRIVERS

lubricating mould or loading feed mechanism prior to operation

- threading strip or coil into coiling mechanism, feeding wire or cable into dies for drawing
- packing sand around pattern contours prior to operation of machine which consolidates sand to form mould
- · lifting mould from pattern
- operating equipment to release ladle stopper to pour molten metal into moulds, observing level and operating stopper lever when mould is full
- operating controls to regulate temperature, pressure, speed or flow of operation
- repairing or replacing defective parts, repairing breaks in wire or cracks in moulds

OCCUPATIONS

- 7401-01 Supervisor, Basic Metal Products Machine Operators
- 7401-11 Machine Moulder
- 7401-13 Casting Machine and Ladle Operator Ladleman/woman (Metals) (s) Metal Pourer (s) Teemer (Iron and Steel) (s)
- 7401-15 Wire Drawing Machine Operator
- 7401-17 Metal Extrusion Press Operator

7403 METAL PRESS OPERATORS

METAL PRESS OPERATORS operate machinery to shape and form metal stock and components or form products such as rods, bars, seamless tubing and structural shapes.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-12 months on-the-job training is usual.

TASKS include:

- securing workpiece on working surface or setting up press with appropriate dies prior to operation
- loading stock or other items into feeding mechanism
- operating controls which activate stamping or pressing mechanism or hydraulic ram which forces metal through dies
- operating controls to regulate temperature, pressure and speed of operation
- monitoring operation, removing processed items, lubricating dies and reloading machine
- · examining products, recording and reporting defects

OCCUPATIONS

7403-11 Metal Press Operator

7405 OTHER METAL PRODUCTS MACHINE OPERATORS

OTHER METAL PRODUCTS MACHINE OPERATORS operate machines which produce and finish metal

products other than those covered elsewhere in minor group 74. Machine Operators.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-6 months on-the-job training is usual.

TASKS include:

- setting up and checking the functioning of the machine prior to operation
- loading stock or other items into feeding mechanism
- cleaning and smoothing metal surfaces by grit blasting, applying bond coating to help adherence of metal or ceramic spray-coat
- spraying molten metal or ceramic onto metal products
- monitoring operations such as bending, dressing/grinding, galvanising, stretching, spring production or spray-coating
- examining product for defects or uniform thickness, recording and reporting defects

OCCUPATIONS

7405-11 Other Metal Products Machine Operators
Forging Machine Operator (s)
Key Cutter (s)
Knife Sharpener (s)
Metal Dresser and Grinder (s)
Metal Sprayer (s)
Plasma Sprayer (s)
Springmaking Machine Operator (s)
Thermal Sprayer (s)

7407 PLASTICS PRODUCTION MACHINE OPERATORS

PLASTICS PRODUCTION MACHINE OPERATORS operate machines which manufacture and finish a variety of plastic products by extruding, moulding, mixing, drawing, embossing, laminating and other processes. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-12 months on-the-job training is usual.

TASKS include:

- · affixing, assembling or installing attachments
- spraying moulds with gelcoat, setting controls and checking the functioning of the machine prior to operation
- loading materials, items or ingredients for mixing into machine or feeding mechanism
- threading wire or cable (to be coated in plastic) through machine, extrusion dies and cooling chamber and fastening it to take-up reel
- operating controls which activate hydraulic ram to emboss, laminate or draw sheet through die
- · operating mixing or pouring machinery
- operating controls to regulate temperature pressure, speed and flow of operation
- monitoring operation, and regulating material supply or adding chemicals and colourants to mixture

- spraying fibre reinforced plastic onto mould or product
- examining products for defects, performing minor repairs and maintaining production records
- · trimming flash

OCCUPATIONS

- 7407-01 Supervisor, Plastics Production Machine Operators
- 7407-11 Plastics Production Machine Setter
 Cellular Plastics Machine Setter (s)
 Plastics Extruding Machine Setter (s)
 Plastics Moulding Machine Setter (s)
 Thermoforming Machine Setter (s)
- 7407-13 Plastics Extruding Machine Operator
- 7407-15 Plastics Moulding Machine Operator
 Blow Moulding Machine Operator (s)
 Compression Moulding Machine Operator
 (s)
 Injection Moulding Machine Operator (s)
 Rotational Moulding Machine Operator (s)
 Thermoforming Machine Operator (s)
- 7407-17 Cellular Plastics Machine Operator Plastics Foam Machine Operator (s)
- 7407-19 Plastics Sheet Press Operator
- 7407-21 Plastics Blending Machine Operator Powder Hand (Plastics) (s)
- 7407-23 Gun Hand (Plastics)
- 7407-25 Sheathing Extruder Wire Sheather (s)

7409 RUBBER PRODUCTION MACHINE OPERATORS

RUBBER PRODUCTION MACHINE OPERATORS operate machines and perform ancillary tasks to manufacture rubber products such as tyres and reinforced hose. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-6 months on-the-job training is usual

TASKS include:

- · affixing attachments to machine
- setting controls and checking functioning of machine prior to operation
- loading stock
- marking out patterns from blue-prints and cutting sheets
- cleaning and smoothing non-rubber surfaces by sandblasting
- threading hose, cord or wire into knitting machine and monitoring operation to ensure uniform tension
- operating controls to regulate temperature, pressure and speed of grinding or production
- monitoring operation and controlling curing process
- removing wrinkles and compressed air in rolling operations
- trimming flash
- measuring product dimensions with special instruments

- weighing product
- examining products for defects, and performing minor repairs
- · maintaining production records

OCCUPATIONS

- 7409-01 Supervisor, Rubber Production Machine Operators
- 7409-11 Tyre Production Machine Operator
 Tyre Builder (s)
 Tyre Retreader (s)
- 7409-99 Rubber Production Machine Operators nec Rubber Knitting Machine Operator (s) Rubber Roll Builder (s) Rubber Roller Grinder Operator (s)

7411 CHEMICAL PRODUCTION MACHINE OPERATORS

CHEMICAL PRODUCTION MACHINE OPERATORS operate a variety of machinery and equipment to produce pharmaceuticals, toiletries, explosives and other chemical products. They 'may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 2-6 months on-the-job training is usual.

TASKS include:

- weighing and measuring chemical and other ingredients prior to operation
- pouring or pumping chemical or other ingredients including chemical agents or binding liquids into machinery
- operating and monitoring machines that mix, mill, grind, compress, coat, fill, seal and mould ingredients
- operating controls to regulate temperature, pressure, flow and speed of operation
- · cleaning and disinfecting machinery
- inspecting and testing products for defects

OCCUPATIONS

- 7411-01 Supervisor, Chemical Production Machine Operators
 Supervisor, Explosives Production Machine Operators (s)
 Supervisor, Pharmaceuticals and Toiletries Production Machine Operators (s)
- 7411-11 Pharmaceuticals and Toiletries Production Machine Operator
 Granulator Machine Operator (s)
 Soap Maker (s)
 Suture Maker (s)
 Tablet Making Machine Operator (s)
 Toiletries Moulder and Compressor (s)
- 7411-13 Explosives Production Machine Operator
 Bullet Maker (s)
 Explosives Mixer Operator (s)
 Fuse Maker (s)
 Nitrocellulose Maker (s)
- 7411-99 Chemical Production Machine Operators nec Candle Maker (s)

GROUP DEFINITIONS

7413 WOOD PROCESSING MACHINE OPERATORS

WOOD PROCESSING MACHINE OPERATORS operate a variety of sawing and other machines to make logs or cut them into poles or timber pieces; and operate machinery such as rollers and presses to make plywood, particleboard, solid laminate or similar timber products. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 6-12 months vocational certificate or at least 12 months experience in a related area (i.e. Plywood Factory Hand, Sawmill Labourer etc). 3-12 months on-the-job training is usual.

TASKS include:

- setting controls, guides, saws, knives and pressure bars prior to operation
- operating controls to regulate temperature, pressure, and speed of operation
- monitoring operation, resetting guides, replacing defective timber for re-processing, cleaning glue from press plate, clearing blockages in hoppers or other feeding mechanisms, replacing saw blades or selecting different blades
- measuring with special instruments to ensure that product is of specified dimensions
- examining products for defects, performing repairs and maintaining production records
- grading wood and veneer

OCCUPATIONS

7413-01 Supervisor, Wood Processing Machine Operators
Supervisor, Plywood Making Machine Operators (s)
Supervisor, Saw Operators (s)

7413-11 Head Sawyer Breakdown Sawyer (a)

7413-13 Resawyer
Cant Gang Sawyer (s)
Edgerman/woman (s)
Ripsaw Operator (s)
Trim Saw Operator (s)

7413-15 Dockerman/woman Log Preparer (s) Sawmill Docker (s)

7413-17 Timber Stock Cutter Wood Trimmer (s)

7413-19 Veneer Production Machine Operator
Veneer Clipper (s)
Veneer Guillotine Operator (s)
Veneer Lathe and Slicer Operator (s)
Veneer Splicing Machine Operator (s)
Veneer Trimmer Operator (s)

7413-21 Plywood Production Machine Operator
Plywood and Veneer Repairer (s)
Plywood Centre Feeder (s)
Plywood Centre Layer (s)

7413-23 Wood Laminating Press Operator Particleboard Laminator Operator (s)

7413-99 Wood Processing Machine Operators nec Debarker Operator (s) Drop-Sorter Operator (s) Hogger Operator (s) Leverman/woman (s) Machine Stress Grader Operator (s)
Sawmill Moulder Operator (s)

7415 PAPER AND PAPER PRODUCTS MACHINE OPERATORS

PAPER AND PAPER PRODUCTS MACHINE OPERATORS operate wet and dry end papermaking machines and construct forms for use in cutting and creasing paperboard. They may supervise occupations in this unit group.

SKILL LEVEL

Entry requirement for this unit group is 1-2 years previous experience as a factory hand or printing machine assistant. 3-12 months on-the-job training is usual.

TASKS include:

- positioning roll of paper on machine reel and threading paper around rollers
- · checking auxiliary equipment
- filling machinery with liquid stock prior to operation
- operating controls to regulate temperature, flow, pressure and speed of operation
- monitoring operation, smoothing wrinkles, observing flow of white water and pulp stock, and replenishing stock
- cutting and bending metal strips to form setting creases and cutting knives
- assembling block sections and metal strips to make forme and fitting forme in metal frame
- · examining products for defects

OCCUPATIONS

- 7415-01 Supervisor, Paper and Paper Products Machine Operators
- 7415-11 Wet End Papermaking Machine Operator
 Fourdrinier Machine Operator (s)
 Inverform Machine Operator (s)
 Paperboard Machine Operator (s)
- 7415-13 Dry End Papermaking Machine Operator
 Paper Rewinder Operator (s)
 Supercalender Operator (Papermaking) (s)
- 7415-15 Paper Products Machine Operator
 Carton Cutting and Crease Forme Setter
 (s)
 Carton Making Machine Operator (s)

7417 GLASS PRODUCTION MACHINE OPERATORS

GLASS PRODUCTION MACHINE OPERATORS set up and operate machines which make and process glass to form bottles, jars, drinking glasses and other such products. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-12 months on-the-job training is usual.

TASKS include:

- · affixing, assembling or installing attachments
- setting up machines, installing moulds and components using hand tools
- · weighing and adding ingredients prior to operation
- · adjusting duct orifices to control size of molten gob
- adjusting valves, turntable, timing of plunger in glass-pressing machine and thermostatic controls to regulate temperature, pressure speed and flow of operation
- monitoring operations, spraying and swabbing moulds
- operating controls to control annealing time of formed glassware
- setting attachments for, and controlling ejection of, sub-standard products
- examining products for defects
- measuring samples with special instruments to check conformity to specifications
- cleaning and repairing machinery

OCCUPATIONS

7417-01 Supervisor, Glass Production Machine Operators
Supervisor, Glass Furnace Operators (s)

7417-11 Glass Production Machine Operator
Glass Furnace Operator (s)
Glass Laminating Operator (s)
Glass Maker (s)
Glass Melt Operator (s)
Glass Toughening Operator (s)

7419 CLAY AND STONE PROCESSING MACHINE OPERATORS

CLAY AND STONE PROCESSING MACHINE OPERATORS operate machines which manufacture and finish a variety of clay and stone products by extruding, moulding, mixing, grinding, cutting and other processes. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 2-6 months on-the-job training is usual.

TASKS include:

- measuring and adding ingredients
- selecting machine components for installation by Fitters or installing smaller components
- positioning item on machine and setting grinding or cutting edge in position prior to operation
- · checking machine and feeder functions
- operating controls to regulate temperature, pressure, flow and speed of operation
- shaping or cutting clay rotating on machines, using special tools
- controlling filling of moulds, finishing exposed surfaces
- · removing stone from machine for further processing
- clearing blockages
- examining products for defects
- · measuring samples with special instruments to

check conformity to specifications

- unloading and stacking products (i.e. tiles, porcelain, pipes)
- · cleaning and repairing machinery

OCCUPATIONS

7419-01 Supervisor, Clay and Stone Processing Machine Operators
Supervisor, Concrete Products Machine Operators (s)
Supervisor, Fibre Cement Machine Operators (s)

7419-11 Concrete Products Machine Operator Concrete Pipe Machine Operator (s) Concrete Pre-cast Moulder (s)

7419-13 Clay Products Machine Operator Clay, Brick and Tile Machine Operator (s)

7419-15 Stone Processing Machine Operator Stonemasonry Machinist (a) Stone Polisher (s) Stone Sawyer (s)

7419-17 Porcelain Turner

7419-19 Plasterboard Maker Fibrous Plaster Maker (s)

7419-21 Fibre-Cement Machine Operator Fibre-Cement Moulder (s)

7419-99 Clay and Stone Processing Machine Operators nec Abrasive Wheel Maker (s) Brake Lining Maker (s)

RELATED OCCUPATIONS

4925-13 Potter

7421 YARN PRODUCTION MACHINE OPERATORS

YARN PRODUCTION MACHINE OPERATORS operate machines which clean, compress and bale cotton and wool and card and spin yarn. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-4 months on-the-job training is usual.

TASKS include:

- positioning supply packages at feed end of the machine
- threading slivers or yarn through rollers or guides
- pinching or twisting ends to entwine with ends of preceding material prior to operation
- setting and operating controls to regulate speed, flow, air suction and/or temperature of operation
- monitoring operation, observing effectiveness of chemical washing and other treatments
- replenishing supply packages, repairing breaks in yarn, replacing spools and tending air suction tube
- removing lint from machine using brush and airhose
- weighing bales and taking samples for classing
- maintaining production records
- cleaning and lubricating equipment

OCCUPATIONS

7421-01 Supervisor, Yarn Production Machine Operators
Supervisor, Cotton Ginning Machine Operators (s)

7421-11 Yarn Carding and Spinning Machine
Operator
Gill Box Operator (s)
Yarn Comber (s)
Yarn Drawing Machine Operator (s)
Yarn Texture Machine Operator (s)

7421-13 Cotton Ginner Cotton Ginning Bookman/woman (s)

7421-15 Wool Scouring Operator

7423 HIDE AND SKIN PROCESSING MACHINE OPERATORS

HIDE AND SKIN PROCESSING MACHINE OPERATORS operate a variety of wet or dry area tanning, fellmongering or leather finishing machines. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 12 months experience as a Hide and Skin Processing Labourer. 1-2 months on-the-job training is usual.

TASKS include:

- preparing for operation by setting up machines, selecting and installing attachments or components for specialised functions
- mixing and adding dyes or chemicals
- loading hides or skins into feeder mechanism and feeding leather into rollers or presses
- operating controls to regulate processing time, temperature and conditions of operation
- · checking moisture content of leather
- · correcting misfeeds and clearing blockages
- installing different plates or rollers to attain desired imprints
- examining final products, measuring dimensions with special instruments
- maintaining production records
- · cleaning work area and equipment

OCCUPATIONS

7423-01 Supervisor, Hide and Skin Processing Machine Operators

7423-11 Hide and Skin Processing Machine Operator Fellmongering Machine Operator (s)
Hide and Skin Fleshing Machine Operator (s)
Leather Drying Operator (s)
Leather Finishing Machine Operator (s)
Leather Measuring Operator (s)
Leather Printing Operator (s)
Leather Splitting and Shaving Machine Operator (s)
Sammying Machine Operator (s)
Staking Machine Operator (s)
Tanning Machine Operator (s)
Woolpulling Machine Operator (s)

7425 FABRIC PRODUCTION MACHINE OPERATORS

FABRIC PRODUCTION MACHINE OPERATORS operate machines which prepare yarn and textile fibres for fabric production, weave and knit fabric, garments, carpets and rugs, finish and repair textile products. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-6 months on-the-job training is usual. 1-2 years experience as a textile machine operator is required for Textile Products Mender.

TASKS include:

- · installing attachments to machines
- mounting spools, reels. rolls or bobbins prior to operation
- · preparing chemical solutions or dyes
- threading yarn through tension springs, guides, needles or reeds, slotting yarn through loom beams
- positioning packages of feed stock
- starting machine and monitoring operation to detect faults
- operating controls to regulate temperature, pressure, flow and treatment times for bleaching, dyeing, mercerising, shrinking, waterproofing, napping and texturing operations
- repairing breaks in yarn or faults in weave or knitting, replenishing feed packages and reels
- repairing textile products using mending gun, fringing machine or other equipment
- maintaining production records

OCCUPATIONS

- 7425-01 Supervisor, Fabric Production Machine Operators
- 7425-11 Warp Machine Operator
 Beamer (a)
 Warp Beamer (a)
 Drawer-in (s)
 Textile Dresser (s)
 Textile Slasher (s)
 Tier-in (s)
 Warp Sizer (s)
- 7425-13 Weaver Carpet Weaver (s)
- 7425-15 Textile Knitting Machine Operator
- 7425-17 Textile Dyeing and Finishing Machine
 Operator
 Bleaching Machine Operator (s)
 Fabric Dyer (s)
 Garment Dyer (s)
- 7425-19 Rope and Cord Making Machine Operator
- 7425-21 Textile Products Mender
- 7425-99 Fabric Production Machine Operators nec Fabric Bonding Machine Operator (s) Feltmaker (s) Needle Loom Operator (s) Tufting Machine Operator (s)

7427 TEXTILE SEWING MACHINISTS

TEXTILE SEWING MACHINISTS operate a variety of industrial sewing machines to sew and finish garments, curtains and soft furnishings. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3 months on-the-job training is usual. 12 months as a Textile Sewing Machinist (Single Needle) is required before becoming a Textile Sewing Machinist (Multi Needle).

TASKS include:

- selecting thread and drawing thread through guides, tensioners and needle eye and positioning materials to be sewn under pressure foot prior to operation
- · affixing attachments to machine
- starting, stopping and controlling speed of machine with pedal(s) or knee levers
- · guiding material or parts under the needle
- · inspecting stitching for defects
- cutting excess material or thread from items manually or with machine blade
- · notifying repair mechanic of machine malfunctions

OCCUPATIONS

7427-01 Supervisor, Textile Sewing Machinists

7427-11 Textile Sewing Machinist (Single Needle)
Buttonhole Machinist (s)
Garment Finishing Operator (s)
Overlocker (s)

7427-13 Textile Sewing Machinist (Multi Needle)
Blindstitcher (s)
Glove Sewer (s)
Hemstitching Machine Operator (s)
Pocket Welt Machine Operator (s)

7429 SHOEMAKING MACHINE OPERATORS

SHOEMAKING MACHINE OPERATORS operate a variety of machines to fabricate footwear.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-2 months on-the-job training is usual.

TASKS include:

- position material or item in machine, affixing attachments, setting dies, drawing thread through guides, slots and needles prior to operation
- operating controls
- monitoring operation, guiding parts under cutter or needle manually or using controls
- trimming edges of shoe parts, assembling and cementing shoe parts
- · checking piece or finished item for defects
- stacking in bundles according to size, shape and quality

OCCUPATIONS

7429-11 Shoemaking Machine Operator

Shoemaking Cementer (a)
Heel Builder (s)
Inker Machine Operator (Shoemaking) (s)
Shoemaking Finisher (s)
Shoemaking Table Hand (s)

RELATED OCCUPATIONS

4915 Shoemaking and Repairing Tradespersons 7407 Plastics Production Machine Operators

7431 FOOD PROCESSING MACHINE OPERATORS

FOOD PROCESSING MACHINE OPERATORS operate machines which process a variety of foods and beverages in a multiplicity of ways. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 1-3 years previous experience as a factory hand in a food-related area. 2 months to 1 year on-the-job training is usual.

TASKS include:

- · assembling and affixing attachments
- cleaning and sanitising equipment, pumps, hoses, storage tanks and vessels
- · assembling flow lines
- transferring liquid stock, weighing, measuring and adding ingredients prior to operation
- loading feeder mechanism and starting machine
- operating controls to regulate temperature, pressure, flow and treatment time
- clearing blockages
- · changing die to produce different shapes
- transferring stock progressively for different processes or stages
- collecting samples for analysis at various stages of the production process
- regulating discharge of contents of machine to storage or packaging machines
- maintaining production records

OCCUPATIONS

7431-01 Supervisor, Food Processing Machine Operators

7431-11 Grain and Cereal Processing Machine
Operator
Breakfast Cereal Maker (s)
Food Processing Extruder Operator (s)
Maltster (s)
Pasta Maker (s)
Screensman/woman (s)
Smutterman/woman (s)
Stockfeed Milling Machine Operator (s)
Topman/woman (s)

7431-13 Sugar Processing Machine Operator
Centrifuge Operator (Sugar Processing) (s)
Evaporator Boiler (Sugar Processing) (s)
Sugar Boiler and Pan Operator (s)
Sugar Cane Crusher Operator (s)
Sugar Dryer Operator (s)
Sugar Melthouse Attendant (s)

7431-15 Soft Drink and Syrup Making Machine Operator (except Dairy) Fruit and Vegetable Juicer Operator (s)

GROUP DEFINITIONS

PLANT AND MACHINE OPERATORS, AND DRIVERS

Soft Drink Mixer (s) Syrup Blender (s)

Alcoholic Beverage Machine Operator Brewery Cellar Worker (s) Brewhouse Operator (s)

Spirit Blender (s) Winery Cellarhand (s)

7431-19 Meat and Fish Processing Machine Operator

Casings Worker (s)
Defeatherer and Eviscerator Operator (s) Fish Plant and Machinery Operator (s) Fish Smokehouse Operator (s)
Meat By-Products Machine Operator (s) Meat Mincer Operator (s)
Meat Pickler (s)
Meat Smokehouse Operator (s) Poultry Saws Operator (s) Smallgoods Machine Operator (s)

7431-21 Milk Treatment Machine Operator

Custard Maker (s) Dried Milk Products Maker (s) Yogurt Maker (s)

7431-23 Margarine Maker Margarine Blender (a)

7431-25 Ice-Cream Maker Gelato Maker (s) Ice Confection Maker (s)

7431-27 Food Factory Cook Fish Cooker (s)

Food Processing Autoclave Operator (s) Food Processing Retort Operator (s)
Fruit Conserve and Sauce Maker (s)

7431-99

Food Processing Machine Operators nec Food Size-grading Operator (s) Frozen Food Machine Operator (s) Fruit and Vegetable Dehydrator (s)
Fruit and Vegetable Peeling Machine Operator (s)
Pet Food Processing Machine Operator (s) Vegemite Maker (s) Yeast Maker (s)

RELATED OCCUPATIONS

7433 Packaging Machine Operators

PACKAGING MACHINE OPERATORS operate machines which fill and seal various containers. They may supervise occupations in this unit group.

7433 PACKAGING MACHINE OPERATORS

SKILL LEVEL

The entry requirement for this unit group is 1-2 years previous experience as a factory hand in a food-related area. 1-2 months on-the-job training is usual.

TASKS include:

- checking cleanliness of machines and containers and testing machine functioning prior to operation
- feeding products into hoppers and filling devices
- · holding container in machine and operating controls to fill, seal and label
- maintaining supply of product (including liquid) and containers
- · clearing blockages

- operating controls to regulate rate of supply, flow and temperature of glue for cartons and temperature of continuous cooker for canning
- taking samples for quality control of both product and seal and to check date stamping
- · cleaning work area and machinery
- · maintaining production records

OCCUPATIONS

7433-01 Supervisor, Packaging Machine Operators

7433-11 Liquids Filler Bottling Machine Operator (s)

7433-99 Packaging Machine Operators nec Baling and Compression Machine Operator

(s) Can Filler and Closer (s) Depalletiser Operator (s) Food Packaging Machine Operator (s) Machine Labeller (s) Palletiser Operator (s)
Sack and Bag Filler (s)
Shrink Wrap Operator (s)
Strapping Machine Attendant (s)

7435 PHOTOGRAPHIC PRODUCTS MACHINE OPERATORS

PHOTOGRAPHIC PRODUCTS MACHINE OPERATORS operate machines which cut and package operate machines which cut and package photographic film and paper, develop film or print photographs. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 2 months on-the-job training is usual.

TASKS include:

- sorting cartridges
- removing exposed film from cartridges and loading feed spools in darkroom
- · checking packaging supply
- adjusting machine setting
- preparing and adding chemical solutions
- starting machine
- inspecting negatives and adjusting machine to alter number, size and type of prints
- replenishing supply of chemicals, paper and water for developing processes or packages or cartridges for packaging
- · transferring film for immersion in different solutions where operation is not fully automated
- · inspecting prints for defects
- · mounting transparencies in frames
- labelling film or paper on cartridge or package

OCCUPATIONS

7435-01 Supervisor, Photographic Products Machine Operators Supervisor, Photographic Developers and Printers (s)

Supervisor, Photographic Film Manufacturing Operators (s)

7435-11 Photographic Developer and Printer Copy Camera Operator (s)

Dark Room Attendant (s)
Microfiche Reproduction Operator (s)
Negative Producer and Cutter (s)
Photographic Enlarger Operator (s)
Photographic Laboratory Assistant (s)
Print Finisher (s)
Slide Developer (s)

7435-13 Photographic Film Manufacturing Operator Film Cutter (s)
Film Spooler (s)
Photographic Paper Cutter (s)
Silver Recovery Operator (s)

RELATED OCCUPATIONS

3999-25 Photograph Retoucher.

7499 OTHER MACHINE OPERATORS

This unit group covers occupations not elsewhere classified in Minor Group 74, Machine Operators.

OCCUPATIONS

7499-01 Supervisor, Other Machine Operators

7499-11 Tobacco Technical Operator

7499-13 Tobacco Machine Attendant Cigarette Making Machine Operator (s) Tobacco Dryer Attendant (s)

7499-15 Dry Cleaning Machine Operator

7499-17 Laundry Machine Operator Folding Machine Operator (s)

7499-19 Military Weapons Operator
Airfield Defence Guard (s)
Armoured Fighting Vehicle Crewman (s)
Armoured Fighting Vehicle Driver (s)
Assault Trooper (s)
Fire Controller (Navy) (s)
Gun Number (s)
Infantryman (s)
Mortarman (s)
Quartermaster Gunner (s)
Rifleman (s)

7499-21 Printing Bindery Assistant

7499-23 Printing Table Hand

7499-99 Machine Operators nec Brushmaker (s) Pressurised Container Filler (s) Sandblaster (s)

MAJOR GROUP 8 LABOURERS AND RELATED WORKERS

LABOURERS AND RELATED WORKERS perform routine tasks, either manually or using hand tools and appliances. These tasks require minimal judgement and are usually performed under close supervision.

Occupations in this major group require no formal education or experience, but may require up to 12 months on-the-job training.

Tasks performed by Labourers and Related Workers typically include assisting Tradespersons; loading, moving, unloading and packing tools, materials, freight, and manufactured articles; assembling components, spray-painting products, mixing ingredients, cutting away waste material, and performing other manual manufacturing and construction tasks; assisting in the cultivation and production of plants and animals; cleaning equipment, premises and vehicles; attending to patrons in entertainment venues, hotels and passenger terminals; collecting garbage; protecting property; performing simple tasks in preparing food and cleaning kitchens; fitting vehicle accessories; and assisting with fishing operations.

Occupations in this major group are classified into the following minor groups:

- 81 TRADES ASSISTANTS AND FACTORY HANDS
- 82 AGRICULTURAL LABOURERS AND RELATED WORKERS
- 83 CLEANERS
- 84 CONSTRUCTION AND MINING LABOURERS
- 89 MISCELLANEOUS LABOURERS AND RELATED WORKERS

MINOR GROUP 81 TRADES ASSISTANTS AND FACTORY HANDS

TRADES ASSISTANTS AND FACTORY HANDS perform routine tasks to assist one or more Tradespersons of a particular trade, or perform basic manual tasks in the production of manufactured products. Their tasks require minimal judgement, and are performed manually or using hand-held tools (e.g. spray-painting equipment), usually under close supervision.

Occupations in this minor group have a level of skill commensurate with 1-12 months on-the-job training.

Tasks performed by Trades Assistants and Factory Hands typically include cleaning worksites and tools; unloading materials for construction sites; assembling components of simple products; spray-painting and packing finished products; testing products to assess their quality and weight; and performing simple manual tasks in the manufacture of products.

Labourers who assist a number of Tradespersons of different trades on a construction site are excluded from this minor group because they do not require knowledge of a particular trade area. They are located in Minor Group 84, Construction and Mining Labourers.

Occupations in this minor group are classified into the following unit groups:

8101 TRADES ASSISTANTS

8103 ASSEMBLERS

8105 HAND PACKERS

8107 INDUSTRIAL SPRAY PAINTERS

8109 QUALITY CONTROLLERS

8199 OTHER TRADES ASSISTANTS AND FACTORY HANDS

8101 TRADES ASSISTANTS

TRADES ASSISTANTS clean, load, transport and perform other routine tasks as directed by Tradespersons.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-6 months on-the-job training is usual.

TASKS include:

- positioning and holding metal stock, wood, heavy parts or products for Tradespersons
- collecting, cleaning and storing tools and equipment
- cleaning and preparing Tradesperson's working surface
- collecting and removing rubble and waste material from work area
- · conveying instructions between Tradespersons
- maintaining simple records
- loading and unloading materials, tools and equipment, and transporting them about work area

OCCUPATIONS

8101-11 Metal Trades Assistant
Blacksmith's Striker (s)
Boilermaker's Assistant (s)
Fitter's Assistant (s)
Metal Forger's Assistant (s)
Metal Moulder's Assistant (s)

8101-13 Construction Trades Assistant Bricklayer's Trades Assistant (s) Carpenter's Trades Assistant (s) Painter and Decorator's Assistant (s) Plasterer's Assistant (s) Plumber's Trades Assistant (s) Roof Slater and Tiler's Assistant (s) Signwriter's Assistant (s) Wall and Floor Tiler's Assistant (s)

8101-15 Electrical and Telecommunications Trades

Assistant
Cable Jointer's Assistant (s)
Electrical Power Linesman/woman's
Assistant (s)
Telecommunications Lineman/woman's
Assistant (s)

8101-99 Trades Assistants nec

Carpetlayer's Assistant (s)
Garage Assistant (s)
Lubritorium Attendant (s)
Motor Mechanic's Trades Assistant (s)
Powder Monkey's Assistant (s)
Shot Firer's Assistant (s)

RELATED OCCUPATIONS

1601-15 Building Contractor 3207-11 Building Technician 44 Building Tradespersons

8103 ASSEMBLERS

ASSEMBLERS assemble components of metal products, electrical and electronic equipment, jewellery and wood products. They may supervise occupations in this unit group.

GROUP DEFINITIONS

LABOURERS AND RELATED WORKERS

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-13 weeks on-the-job training is usual.

TASKS include:

- following instructions and drawings to position and secure components and materials on workbench
- punching or drilling mounting holes in parts or assembled products
- assembling components in sequence by fastening, screwing, hammering, soldering or spot-welding using precision or heavy-duty hand or power tools
- deburring and finishing items using files, grinding wheels or emery paper
- · examining product and rejecting defective items
- cutting wire into lengths and stripping insulation from it

OCCUPATIONS

- 8103-01 Supervisor, Assemblers
- 8103-11 Metal and Metal Products Assembler Metal Window Assembler (s) Vehicle Assembler (s)
- 8103-13 Electrical and Electronic Equipment Assembler Light Coil Winder (s)
- 8103-15 Jewellery Assembler Jewellery Benchworker (a)
- 8103-17 Wood Products Assembler Furniture Assembler (s) Joinery Assembler (s)

8105 HAND PACKERS

HAND PACKERS weigh, wrap and label meat, fruit, vegetables or other products by hand.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-2 weeks on-the-job training is usual.

TASKS include:

- obtaining supply of prepared meat, fruit, vegetables or other products
- assembling containers, package folders and cartons
- · slicing or cutting smoked or cured meat
- packing containers or bags with product, counting, weighing or measuring amount and adjusting quantity
- sealing bags, cartons or containers and placing pre-printed labels on them
- inspecting products and containers during packaging
- recording weight, number and packaging date of filled bags, containers or cartons

OCCUPATIONS

8105-11 Meat Packer Meat Wrapper (a)

8105-13 Fruit and Vegetable Packer

8105-99 Hand Packers nec Grocery Packer (s) Shirt Packer (s)

8107 INDUSTRIAL SPRAY PAINTERS

INDUSTRIAL SPRAY PAINTERS operate spray painting equipment to apply coatings to manufactured items.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-2 months on-the-job training is usual.

TASKS include:

- sanding, grinding or cleaning surface of item to be painted
- · loading paint into machine
- · securing item into clamps or frames in spray booth
- starting extractor and drying fans and heating globes
- . spraying paint to apply an even coating onto item
- cleaning nozzles, containers and hoses of machines

OCCUPATIONS

8107-11 Industrial Spray Painter

RELATED OCCUPATIONS

4405 Painters, Decorators and Signwriters 4605-11 Vehicle Painter

8109 QUALITY CONTROLLERS

QUALITY CONTROLLERS collect product samples and conduct tests to grade quality and weight and maintain records.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-12 months on-the-job training is usual.

TASKS include:

- · inspecting products for defects
- selecting, examining and labelling samples
- preparing samples for testing by physical processes
- measuring quality, quantity and weight of products
- · checking particular details of product or assembly
- · removing defective articles
- · preparing reports and documentation

OCCUPATIONS

8109-11 Product Grader
Fruit and Vegetable Classer (s)
Meat Grader (s)
Milk and Cream Grader (s)
Timber Grader (s)

8109-13 Product Examiner
Quality Control Inspector (a)
Equipment Assembly Inspector (s)
Film Examiner (s)

LABOURERS AND RELATED WORKERS

Metal Products Viewer (s) Textile Examiner (s) Tyre Finisher and Examiner (s) Vehicle Assembly Inspector (s)

8109-15 Product Tester
Product Testing Assistant (a)
Coal Sample Tester (s)
Glassware Verifier (s)
Iron Pellet Tester (s)

8109-17 Product Weigher

RELATED OCCUPATIONS

3905 Inspectors and Regulatory Officers

8199 OTHER TRADES ASSISTANTS AND FACTORY HANDS

This unit group covers occupations not elsewhere classified in Minor Group 81, Trades Assistants and Factory Hands.

OCCUPATIONS

8199-01 Supervisor, Other Trades Assistants and Factory Hands

8199-11 Metal Processing and Finishing Factory
Hand
Metal Processing and Finishing Labourer
(a)
Blast Furnace Helper (s)
Continuous Plant Galvaniser (s)
Metal Dipper (s)
Metal Processing Marker (s)
Tinning Line Assistant (s)

8199-13 Sawmill Labourer Tailer Out (s) Timber Stacker (s)

8199-15 Wood and Wood Products Factory Hand Wood and Wood Products Labourer (a) Furniture Manufacturing Labourer (s) Hardboard Factory Hand (s) Joinery Factory Hand (s) Particleboard Factory Hand (s) Plywood Factory Hand (s)

8199-17 Pulp, Papermaking and Paper Products Factory Hand Pulp, Papermaking and Paper Products Labourer (a)

8199-19 Cement and Concrete Plant Labourer

8199-21 Clay Processing Factory Hand Clay Processing Labourer (a) Brick Handler (s) Kiln Labourer (s)

8199-23 Chemical Plant Labourer

Gas Plant Labourer (s) Munitions Factory Hand (s) Paint Factory Hand (s)

8199-25 Rubber and Plastics Factory Hand
Rubber and Plastic Products Labourer (a)
Cellular Plastics Cutter (s)
Hand Laminator (s)
Lay-up Hand (s)
Mould Hand (Plastics) (s)
Plastic Sheet Fabricator (s)

8199-27 Hide and Skin Processing Labourer Fellmongery Hand (s) Flesher Hand (s) Tannery Hand (s)

8199-29 General Hand (Printing)
Newspaper Press General Hand (s)
Printing Machine Assistant (s)

8199-31 Glassware Process Assistant Glass Mould Cleaner (s)

8199-33 Meatworks Labourer
Eviscerator (a)
Abattoir Sticker (s)
Animal Skinner (s)
Knockerdown (Abattoir) (s)
Offal Separator (s)
Stunner and Shackler (Abattoir) (s)

8199-35 Meat Boner and Slicer Carcass Splitter (s) Meat Trimmer (s)

8199-37 Poultry Process Worker
Poultry Boner (s)
Poultry Slaughterman/woman (s)

8199-39 Fish Process Worker Fish Filleter (s) Oyster Opener (s)

8199-41 Baking Factory Hand Biscuit Factory Hand (s) Bread Room Hand (s)

8199-43 Dairy Factory Hand Cheese Factory Worker (s) Milk Processing Worker (s)

8199-45 Egg Process Worker Egg Candler (s)

8199-47 Fruit and Vegetable Factory Hand

8199-99 Trades Assistants and Factory Hands nec Brushmaking Labourer (s) Cloth Cutter (s)

RELATED OCCUPATIONS

7413 Wood Processing Machine Operators 7415 Paper and Paper Products Machine Operators

MINOR GROUP 82 AGRICULTURAL LABOURERS AND RELATED WORKERS

AGRICULTURAL LABOURERS AND RELATED WORKERS perform routine tasks to assist in the cultivation and production of animals (including fish, shellfish and bees) and plants on farms and in nurseries, gardens and forests. Their tasks require minimal judgement, and are performed either manually or using hand tools (including lawnmowers).

Occupations in this minor group have a level of skill commensurate with 1-12 months on-the-job training.

Tasks performed by Agricultural Labourers and Related Workers typically include loading and unloading farm and gardening supplies, livestock, logs and produce; cleaning work areas and equipment; inspecting the condition of plants and animals, and administering treatment; feeding and watering animals and fertilising and irrigating plants; harvesting crops and nursery seedlings; culling and grading or sorting crops and livestock; felling and debarking trees; and trapping or shooting wild animals for food and skins.

Farm workers who mainly operate agricultural machinery and drive farm vehicles, and Amenity Horticulture Machine Operators are excluded from this minor group because their primary tasks are not of a manual nature. They are located in Unit Group 7209, Agricultural Plant Operators.

Occupations in this minor group are classified into the following unit groups:

8201 FARM HANDS AND ASSISTANTS

8203 FORESTRY LABOURERS

8205 NURSERY AND GARDEN LABOURERS

8299 OTHER AGRICULTURAL LABOURERS AND RELATED WORKERS

8201 FARM HANDS AND ASSISTANTS

FARM HANDS AND ASSISTANTS assist farmers in agricultural establishments (including fisheries) by performing various manual and routine tasks. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-3 months on-the-job training is usual.

TASKS include:

- loading and unloading stockfeed, seed grain, fertiliser and other supplies and loading livestock, crops or containers of produce onto trucks
- grading, packaging and preparing produce for transport to markets
- cleaning and maintaining premises, machinery and equipment irrigating land and maintaining irrigation channels
- feeding, watering and rearing livestock and fish, cultivating shellfish
- · inspecting animals for health and inoculating them
- culling immature and non-productive fruit and livestock
- planting, fertilising, spraying and harvesting crops such as cereals, vegetables and fruit by hand or using farm equipment
- assisting shearers by handling fleece and controlling sheep

OCCUPATIONS

8201-01 Supervisor, Farm Hands and Assistants Farm Overseer (a)

8201-11 Livestock and Field Crop Farm Hand Drover (s)
Horse Groom (s)
Musterer (s)
Stable Hand (s)
Station Hand (s)
Stockman/woman (s)
Strapper (s)
Stud Hand (s)

8201-13 Fruit, Vegetable and Nut Farm Hand Fruit, Vegetable and Nut Picker (s)

8201-15 Shearing Shed Hand Rouseabout (a) Wool Presser (s)

8201-99 Farm Hands and Assistants nec Apiary Assistant (s) Fish Farm Worker (s) Hatchery Assistant (s) Oyster Grower's Assistant (s) Poultry Farm Hand (s) Seed Cleaner and Pickler (s)

8203 FORESTRY LABOURERS

FORESTRY LABOURERS perform manual tasks associated with felling trees, logging, cultivating and maintaining natural and plantation forests. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-12 months on-the-job training is usual.

TASKS include:

- collecting seeds, cultivating and planting seedlings for reafforestation purposes
- · pruning trees using axes or chainsaws
- applying fertilisers, insecticides and herbicides to individual trees or general forest areas
- clearing surrounding area of saplings and debris prior to tree-felling
- · cutting scarf and backcut in tree
- operating manual or machine saws to fell trees
- · debarking logs or trees
- · assisting with loading and transporting logs
- maintaining buildings, facilities and equipment associated with forest

OCCUPATIONS

- 8203-01 Supervisor, Forestry Labourers Forest Overseer (s)
- 8203-03 Supervisor, Logging Labourers Bush Boss (a)
- 8203-11 Tree Faller Hardwood Faller (s) Softwood Faller (s)
- 8203-13 Forestry Worker Fire Look-out (s) Tree Planter (s)
- 8203-15 Logging Worker
 Chokerman/woman (s)
 Landing Operator (Logging) (s)
 Log Chaser (s)
 Sleeper Cutter (s)
 Swampy (s)

8205 NURSERY AND GARDEN LABOURERS

NURSERY AND GARDEN LABOURERS plant, cultivate and harvest trees and plants in a plant nursery or assist gardeners in the cultivation, planting and maintenance of private and public gardens.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-3 months on-the-job training is usual.

TASKS include:

- preparing soils using hand tools or machines
- assisting in planting and transplanting
- · watering, weeding and mowing gardens
- loading, unloading and moving gardening supplies and equipment
- · removing rubbish from garden or nursery
- harvesting and packaging plants for sale or transport
- adjusting mist irrigation systems, shade and ventilation

OCCUPATIONS

- 8205-11 Nursery Assistant (Horticulture) Nursery Hand (Horticulture) (a)
- 8205-13 Garden Labourer Gardener's Assistant (a) Lawn Mower (s)

8299 OTHER AGRICULTURAL LABOURERS AND RELATED WORKERS

This unit group covers occupations not elsewhere classified in minor group 82, Agricultural Labourers and Related Workers.

OCCUPATIONS

- 8299-11 Shooter-Trapper
- 8299-99 Agricultural Labourers and Related Workers nec
 Coral Collector (s)
 Kelp and Seagrass Gatherer (s)

MINOR GROUP 83 CLEANERS

CLEANERS clean construction sites, commercial, industrial and domestic equipment and premises, and public transport vehicles. They may specialise in cleaning particular surfaces, such as carpet and glass. They use portable cleaning equipment such as industrial vacuum cleaners, mops and brooms.

Occupations in this minor group have a level of skill commensurate with 1-2 weeks on-the-job training.

Tasks performed by Cleaners typically include putting waste into large bins for easy disposal; dusting, washing and polishing surfaces, furniture and fittings; disinfecting surfaces and medical equipment; and removing residues from plant, machines and storage tanks using industrial cleaning chemicals.

Caretakers, Housekeepers and Ward Helpers are excluded from this minor group because cleaning is only one of several significant tasks they perform. They are located in Unit Groups 8913, 8915 and 8921, respectively.

Occupations in this minor group are classified into the following unit group:

8301 CLEANERS

8301 CLEANERS

CLEANERS clean building and construction sites, commercial, industrial and domestic equipment and premises, public transport vehicles and particular types of surface such as glass or carpet. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-2 weeks on-the-job training is usual, with the exception of Carpet Cleaner for which the requirement is 1-3 months.

TASKS include:

- operating industrial vacuum cleaner to remove scrap, dirt and debris from floors work areas and machinery
- cleaning furniture, fittings, walls, windows, ceilings and vehicle interiors
- stripping old wax, rewaxing, polishing, sweeping, mopping, and scrubbing floors
- polishing furniture
- applying acids and solvents to surfaces to remove stains
- removing lint, dust, soot and residue of oil, grease or sludge from machinery, interiors of furnaces, boilers and tanks
- disinfecting laundry, kitchen, toilet and bathroom fixtures and floors, and medical equipment

cleaning carpet using steam ejecting wands and other special equipment

OCCUPATIONS

8301-01 Supervisor, Cleaners

8301-11 Industrial Cleaner Aircraft Cabin Cleaner (s) Factory Cleaner (s)

8301-13 Commercial Cleaner Houseman/maid (s) Office Cleaner (s) School Cleaner (s)

8301-15 Hospital Cleaner

8301-17 Window Cleaner

8301-19 Carpet Cleaner

8301-21 Motor Vehicle Cleaner Car Detailer (a) Car Wash Attendant (a)

8301-99 Cleaners nec Chimney Sweep (s) Domestic Cleaner (s)

RELATED OCCUPATIONS

8915-13 Domestic Housekeeper

MINOR GROUP 84 CONSTRUCTION AND MINING LABOURERS

CONSTRUCTION AND MINING LABOURERS perform routine tasks, either manually or using hand-held tools, on construction sites, roads and railways, and in mining, drilling and mineral ore treating operations. Their tasks require minimal judgement and are usually performed under close supervision.

Occupations in this minor group have a level of skill commensurate with 1-12 months on-the-job training.

Tasks performed by Construction and Mining Labourers typically include assisting in the erection of fences, buildings and other large structures, in the excavation and clearing of earth for road construction and mining, in surveying and mineral ore treating, and in installing insulation and other interior and exterior home improvements; and pouring, spreading and finishing concrete and other materials for the construction of structures and paved surfaces.

This Minor Group includes Builder's Labourers because they usually assist a number of Tradespersons of various trades, and Survey Hands and Fence Erectors because their tasks are similar to those of labourers on construction sites.

Occupations in this minor group are classified into the following unit groups:

- 8401 INSTALLATION WORKERS
- 8403 CONCRETE WORKERS
- 8405 STRUCTURAL STEEL AND RELATED CONSTRUCTION LABOURERS
- 8407 EARTHMOVING LABOURERS
- 8409 PAVING AND SURFACING LABOURERS
- 8411 SURVEY HANDS
- 8413 RAILWAY LABOURERS
- 8415 MINING AND MINERAL ORE TREATING LABOURERS
- 8499 OTHER CONSTRUCTION AND MINING LABOURERS

8401 INSTALLATION WORKERS

INSTALLATION WORKERS install functional or decorative fittings, and install and apply a variety of insulation materials to improve resistance to heat, cold, air, sound or moisture, in established buildings and those under construction.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3 months on-the-job training is usual.

TASKS include:

- examining plans and specifications to determine location for insulation materials
- preparing site for insulation or installation of fittings by nailing up furring, drilling holes for screws and bolts, digging trenches and post holes, and erecting scaffolding
- nailing or stapling batt-type insulation to joists, studs or furring; gluing blocks and slabs of foamed plastic or cork to walls; operating equipment to blow or spray fibre fill or foam insulation material into cavities
- fitting awnings, flyscreens, shower screens, pre-fabricated windows and doors, exterior cladding and other home improvements using hand tools

OCCUPATIONS

- 8401-11 Building Insulation Installer Window Tinter (s)
- 8401-13 Home Improvements Installer
 Awnings Installer (s)
 Carport Erector (s)
 Curtain Fitter (s)
 Exterior Cladding Installer (s)
 Security Door Installer (s)
 Shower Screen Installer (s)

RELATED OCCUPATIONS

1601-15 Building Contractor 44 Building Tradespersons 4921-11 Flat Glass Tradesperson

8403 CONCRETE WORKERS

CONCRETE WORKERS pour, spread, smooth and finish concrete surfaces on floors, stairs, ramps, footpaths, bridges and other structures using hand tools, trowelling machinery and power cutters.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 6-12 months on-the-job training is

GROUP DEFINITIONS

LABOURERS AND RELATED WORKERS

usual.

TASKS include:

- · pouring concrete from mixer to specified area
- spreading concrete within a concrete form to specified depth by pulling and pushing screed or template over surface
- tamping, smoothing, shaping and sealing concrete to specified surface texture
- operating trowelling machine to float, trowel and polish large surface areas of concrete
- finishing vertical surfaces by wetting concrete and rubbing with abrasive stone
- cutting specified lines in concrete using power cutter
- forming expansion joints and edges using edging tools, jointers and straight-edge
- installing anchor bolts, steel plates, door sills and other fixtures in concrete according to specifications

OCCUPATIONS

8403-11 Concrete Worker

Concreter (a)
Concrete Extra Hand (s)
Concrete Finisher (s)
Concrete Formwork Stripper (s)
Concrete Slab Layer (s)

8405 STRUCTURAL STEEL AND RELATED CONSTRUCTION LABOURERS

STRUCTURAL STEEL AND RELATED CONSTRUCTION LABOURERS assemble and install rigging gear and erect strong temporary structures to enable safe movement of heavy objects and of personnel on construction sites, in shipyards and manufacturing plants, and position and secure steel bars or mesh in concrete forms to reinforce concrete structures permanently.

SKILL LEVEL

There is no specific entry requirement for this unit group, although some occupations require a 6-12 months basic certificate. 6-12 months on-the-job training is usual. A State Government licence or learner's permit is required for all occupations except Steel Fixer.

TASKS include:

- setting up winches, cranes and rigging equipment to raise and position girders, plates, columns and other steel units
- · erecting guard rails, guy wires and hoisting gear
- laying planks and hanging safety nets
- selecting, fitting and bolting pipes and tubes until scaffold, crane or crane boom reaches required height
- selecting, cutting, bending and welding steel bars or mesh and fixing into position in formwork for concrete pours
- signalling hoist, winch or crane operator to guide positioning of load
- dismantling scaffolding, cranes and rigging equipment at completion of job

OCCUPATIONS

8405-11 Scaffolder

8405-13 Rigger (Construction) Rigger's Assistant (s)

8405-15 Steel Fixer

8405-17 Structural Steel Erector

8407 EARTHMOVING LABOURERS

EARTHMOVING LABOURERS perform manual tasks associated with clearing, levelling and excavating engineering and construction sites and irrigation channels.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1 week on-the-job training is usual.

TASKS include:

- burning scrub and removing rocks and sticks from site
- driving stakes into ground to indicate designated points of site
- trimming sides and corners not reached by the excavation machine
- · spreading and levelling soil, gravel and sand
- shovelling excavated material onto conveyor, wheelbarrow or truck for removal from site
- rolling, lifting or guiding culvert sections into position

OCCUPATIONS

8407-11 Earthmoving Labourer Grave Digger (s)

RELATED OCCUPATIONS

8409-11 Paving and Surfacing Labourer

8409 PAVING AND SURFACING LABOURERS

PAVING AND SURFACING LABOURERS perform manual tasks to spread, level, and compact bituminous and other paving material on roads, runways or parking areas, as part of construction or maintenance programmes. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1 week on-the-job training is usual.

TASKS include:

- sweeping pavement bases prior to laying asphalt surfaces, cleaning worksite, loading and unloading equipment
- sprinkling or brushing hot or cold-mix asphalt over surfaces needing repair to bond topping to base
- operating tank-truck distributor or hose to spray tar, road oils and emulsions on graded surface prior to paying
- tripping tail-gate lever to discharge hot-mix asphalt into hopper of paving machine

LABOURERS AND RELATED WORKERS

GROUP DEFINITIONS

- spreading stone chips, gravel or cold-mix asphalt onto road surface
- softening edges with blowtorch and cutting and trimming damaged surfaces with jackhammer
- shovelling asphalt mix into areas inaccessible to paving machines, levelling and compacting mix using rake and hand tamper

OCCUPATIONS

8409-01 Supervisor, Paving and Surfacing Labourers Road Ganger (s)

8409-11 Paving and Surfacing Labourer Asphalt Worker (s) Bitumen Worker (s) Road Maintenance Worker (s)

8411 SURVEY HANDS

SURVEY HANDS perform manual tasks to assist surveyors or geologists.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1 month on-the-job training is usual.

TASKS include:

- · clearing brush and debris from line of survey
- holding levelling staff in position at point indicated by surveyor to determine elevation
- cutting, making, flagging stakes and driving into ground to indicate grade settings, markers or boundaries
- · calling out or noting survey readings
- · collecting and labelling samples as directed
- transporting, assembling, dismantling, maintaining, laying out and retrieving prospecting and surveying equipment

OCCUPATIONS

8411-11 Survey Hand
Geological Survey Field Assistant (s)
Seismic Survey Assistant (s)
Survey Recorder (s)
Surveyor's Assistant (s)
Surveyor's Chainman/woman (s)

8413 RAILWAY LABOURERS

RAILWAY LABOURERS lay and repair tracks in railways, tramways, transfer yards, quarries and mines. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-3 months on-the-job training is usual.

TASKS include:

- laying sleepers at specified intervals across roadbed and positioning rails on sleepers
- cutting beds in sleepers for tie plates and driving spikes through tie plate into sleeper to fasten rail to sleeper

- · cutting, grinding and drilling rails
- bolting and welding sections of rail or switch components together
- lifting sleepers and rails and tamping ballast under sleepers
- · curving rails with rail bender

OCCUPATIONS

8413-01 Supervisor, Railway Labourers Tramway Ganger (s)

8413-11 Railway Labourer
Railway Fettler (a)
Railway Track Patrolman/woman (s)
Tramway Labourer (s)

8415 MINING AND MINERAL ORE TREATING LABOURERS

MINING AND MINERAL ORE TREATING LABOURERS perform manual tasks in mining, drilling and mineral ore treating operations as directed.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-12 months on-the-job training is usual.

TASKS include:

- assisting in the operation of drilling rigs, well treatment plants, continuous mining machines, mineral ore processing plants or other such equipment
- assisting in assembling and dismantling drilling rigs, pumps, conveyors and other equipment
- assembling ventilation ducting, water pipes, well tubing and other fittings
- · loading, unloading, stacking and storing materials
- mixing drilling mud, ore treating and well servicing chemicals
- cleaning and maintaining equipment, removing spillage and debris from drilling floor
- maintaining drainage, fluids pumping, conveyor belt or other auxiliary systems
- taking samples of drilling mud, drill cores, mineral ore, rock, dust and processed minerals

OCCUPATIONS

8415-11 Mining Labourer
Cable Hand (s)
Mine Sampler (s)
Mine Ventilation Hand (s)
Opal Miner (s)
Pit Crew Worker (s)
Prospector (s)
Quarry Labourer (s)
Roof Bolter (Mining) (s)
Salvage Miner (s)
Timberman/woman (Mining) (s)

8415-13 Driller's Offsider
Derrick Worker (s)
Roughneck (s)
Roustabout (s)
Well Treatment Offsider (s)

8415-15 Mineral Ore Processing Labourer Screen and Loadout Attendant (s) Tailings Dam Labourer (s)

8499 OTHER CONSTRUCTION AND MINING LABOURERS

This unit group covers occupations not elsewhere classified in Minor Group 84, Construction and Mining Labourers.

OCCUPATIONS

8499-11 Lagger

8499-13 Crane Chaser Dogman/woman (s) Slinger (s)

8499-15 Fence Erector Fencer (a)

8499-17 Building Construction Labourer Builder's Labourer (s) Demolition Worker (s)

MINOR GROUP 89 MISCELLANEOUS LABOURERS AND RELATED WORKERS

This residual minor group covers all occupations in Major Group 8, Labourers and Related Workers which are not included in Minor Groups 81 - 84 above.

Occupations in this minor group are classified into the following unit groups:

8901	USHERS AND DOOR ATTENDANTS
8903	LUGGAGE PORTERS
8905	GARBAGE COLLECTORS
8907	STOREMEN/WOMEN
8909	FREIGHT AND FURNITURE HANDLERS
8911	GUARDS AND SECURITY OFFICERS
8913	CARETAKERS
8915	HOUSEKEEPERS
8917	LAUNDRY WORKERS
8919	KITCHENHANDS
8921	WARD HELPERS
8923	VEHICLE ACCESSORIES FITTERS
8925	FISHERMEN/WOMEN, DECKHANDS AND SEAMEN/WOMEN

OTHER LABOURERS AND RELATED WORKERS

8901 USHERS AND DOOR ATTENDANTS

8999

USHERS AND DOOR ATTENDANTS collect tickets, control admission and direct patrons in social and entertainment venues.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-12 weeks on-the-job training is usual.

TASKS include:

- · advising on availability and location of seating
- recording booking
- inspecting membership cards, admission passes and tickets
- · collecting fees and tickets
- · preventing unauthorised entry
- · directing patrons to their seats
- · selling programmes and refreshments

OCCUPATIONS

8901-11 Door Attendant
Doorman/woman (a)
Bouncer (s)

8901-13 Entertainment Usher Program Seller (s)

8901-15 Ticket Taker
Ticket Collector (a)
Gatekeeper (s)
Theatre Attendant (s)
Turnstile Attendant (s)

8903 LUGGAGE PORTERS

LUGGAGE PORTERS attend to guests' or passengers' luggage in hotels and passenger terminals and escort guests or passengers to their rooms or cabins. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-4 weeks on-the-job training is usual.

TASKS include:

- · loading and unloading luggage
- hitching and un-hitching forklift and trolley
- transporting goods to receiving area using hand cart or trolley
- · escorting guests to rooms
- · carrying luggage
- providing information, and booking tours, taxis or restaurants, for guests

OCCUPATIONS

8903-01 Supervisor, Luggage Porters Head Porter (a) Hotel Concierge (s)

8903-11 Luggage Porter Hotel Page (s)

LABOURERS AND RELATED WORKERS

8905 GARBAGE COLLECTORS

GARBAGE COLLECTORS collect household, commercial and industrial waste for disposal. They may supervise occupations in this unit group.

SKILL LEVEL

There is no formal entry requirement for this unit group, although 1 week on-the-job training is usual.

TASKS include:

- lifting garbage in bags from bins at roadside and throwing into larger bin or directly into garbage truck
- · operating compacting equipment in garbage trucks
- · unloading garbage truck at rubbish tip

COMMENTS

Garbage Collectors who only drive garbage trucks are excluded from this unit group. They are located in Unit Group 7105, Truck Drivers.

OCCUPATIONS

8905-01 Supervisor, Garbage Collectors

8905-11 Garbage Collector Garbologist (a)

8907 STOREMEN/WOMEN

STOREMEN/WOMEN receive, handle and despatch incoming or outgoing goods in a store or warehouse. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-6 weeks on-the-job training is usual.

TASKS include:

- receiving incoming goods, checking for damage and for discrepancies between goods and invoices
- labelling goods with details of storage location
- operating various types of machinery to lift, place and remove items on high levels
- operating specialised equipment such as manually or electronically guided order pickers and checking items off picking list
- · issuing stores over counter
- assisting with regular stock-takes
- · packaging and despatching outgoing goods

OCCUPATIONS

8907-01 Supervisor, Storemen/women

8907-11 Storeman/woman
Chiller Hand (s)
Shelf Stacker (Store) (s)
Stores Assistant (s)
Stores Despatch Hand (s)
Warehouse Assistant (s)

8909 FREIGHT AND FURNITURE HANDLERS

FREIGHT AND FURNITURE HANDLERS unpack, store, pack and despatch goods coming into or out of warehouses, pack furniture and household goods for freight, load and unload goods into and from freight trucks, containers, rail cars or aircraft. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1 week to 3 months on-the-job training is usual.

TASKS include:

- · packing items into cartons and crates
- · securing large items and crates for transport
- loading goods, and adjusting ropes, straps and padding
- · unloading goods and moving to appropriate location
- writing inventory lists and checking inventories for discrepancies
- moving goods using manually operated equipment such as pallet lifters and hand trucks

OCCUPATIONS

8909-01 Supervisor, Freight and Furniture Handlers

8909-11 Freight Handler (Road and Rail)
Dockhand (s)

8909-13 Furniture Packer

8909-15 Wharf Labourer Waterside Worker (a)

8909-17 Truck Driver's Offsider Furniture Removalist's Assistant (s)

8911 GUARDS AND SECURITY OFFICERS

GUARDS AND SECURITY OFFICERS protect industrial, commercial and other property from theft, vandalism and illegal entry or provide armed escort or drive armoured cars to protect money and valuables in transit. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-6 months on-the-job training is usual

TASKS include:

- inspecting locks, windows, doors and surroundings to deter or detect illegal entry into premises
- inspecting alarm systems and safety equipment to ensure adequate functioning in the case of hazards
- · patrolling areas and guarding property
- investigating disturbances and unusual occurrences
- travelling as escort in armoured cars containing cash or valuables

OCCUPATIONS

8911-01 Supervisor, Guards and Security Officers

8911-11 Railway Patrol Officer

Railway Security Guard (a)

8911-13

Security Officer Night Watchman/woman (s) Protective Service Officer (s) Security Guard (s) Security Patrol Officer (s)

8911-15 Railway Guard

8911-99 Guards and Security Officers nec

Lifeguard (s) Pool Attendant (s)

8913 CARETAKERS

CARETAKERS clean and maintain apartment buildings, schools, offices, hotels and motels, holiday camps or caravan parks and associated grounds.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1 month on-the-job training is usual.

TASKS include:

- cleaning and maintaining grounds and common facilities
- · inspecting fire and safety equipment to ensure adequate functioning
- purchasing cleaning supplies, replacing light bulbs, notifying owner of need for major repairs
- patrolling premises to ensure security
- · informing tenants of rules
- · collecting rentals and renewing leases

OCCUPATIONS

8913-11 Caretaker Janitor (s)

8915 HOUSEKEEPERS

HOUSEKEEPERS perform cleaning and housekeeping duties in private homes, hotels, motels and other lodging establishments.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1 week on-the-job training is usual.

TASKS include:

- preparing, cooking and serving meals and refreshments
- · purchasing food and household supplies
- · cleaning and tidying home or lodging establishment

OCCUPATIONS

8915-11 **Executive Housekeeper** Accommodation and Lodging Housekeeper

8915-13 Domestic Housekeeper

RELATED OCCUPATION

6607-11 Home Companion

8917 LAUNDRY WORKERS

LAUNDRY WORKERS load and tend washing and drying machines, unload machines and mark, press, fold, stack and package laundry. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-4 weeks on-the-job training is usual

TASKS include:

- sorting articles by type, colour, fabric and cleaning treatment required
- placing articles into appropriate receptacles or on conveyor belts for transportation to repair or cleaning areas
- loading machines, smoothing articles and guiding articles through machines
- folding, rolling, counting and stacking processed articles
- · matching invoice descriptions to articles
- · packaging articles for delivery
- · operating pressing machines

OCCUPATIONS

8917-01 Supervisor, Laundry Workers

8917-11 Laundry Worker Clothing Presser (s) Laundromat Attendant (s) Laundry Assistant (s) Linen Sorter (s)

8919 KITCHENHANDS

KITCHENHANDS assist other kitchen and service staff in preparing and serving food, and cleaning food preparation and service areas in hotels, motels, restaurants, clubs, cafeterias and other establishments which serve food (except hospitals).

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1 month on-the-job training is usual.

TASKS include:

- · preparing and cooking simple food items
- · arranging food and beverages on trays for serving
- assisting in serving food to patrons
- washing cutlery, crockery and utensils
- · washing and cleaning kitchen areas

OCCUPATIONS

8919-11 Kitchenhand Dishwasher (s) Pantrymaid/man (s) Tea Lady/Man (s)

RELATED OCCUPATIONS

8921-13 Hospital Food Serviceperson

LABOURERS AND RELATED WORKERS

8921 WARD HELPERS

WARD HELPERS assist in caring for patients in hospitals, nursing homes and clinics, ensure that wards are clean and tidy, and portion and serve food as directed. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-2 months on-the-job training is usual.

TASKS include:

- cleaning instruments and utensils, storing medical and kitchen supplies
- portioning, assisting with final preparations and serving food to patients
- changing bed linen, and making beds
- · cleaning and tidying wards
- · lifting patients on and off beds
- · bathing and feeding patients

OCCUPATIONS

8921-01 Supervisor, Ward Helpers

8921-11 Ward Assistant Hospital Orderly (a) Hospital Porter (s) Wardsman/maid (s)

8921-13 Hospital Food Serviceperson Dietary Aide (a)

8921-15 Nursing Assistant Nurse Attendant (s)

RELATED OCCUPATIONS

6505 Waiters and Waitresses 6609-11 Flight Attendant 6609-13 Marine Steward

8923 VEHICLE ACCESSORIES FITTERS

VEHICLE ACCESSORIES FITTERS fit and replace vehicle accessories. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 1-2 years experience as a factory hand. 2 months on-the-job training is usual.

TASKS include:

- · removing complete sub-assembly units or parts
- testing the functioning of units or parts or inspecting and measuring to determine amount of wear
- dismantling vehicle or sub-assembly, removing damaged parts or accessories
- fitting replacement or new tyres, wheels, windscreens, and mufflers
- checking functioning of system after new parts have been fitted

OCCUPATIONS

8923-01 Supervisor, Vehicle Accessories Fitters

8923-11 Vehicle Accessories Fitter
Muffler Fitter (s)
Windscreen Fitter (s)
Tyre and Tube Fitter (s)

8925 FISHERMEN/WOMEN, DECKHANDS AND SEAMEN/WOMEN

FISHERMEN/WOMEN, DECKHANDS AND SEAMEN/WOMEN maintain ship's equipment and structures and catch fish, crustaceans and molluscs. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although up to 3 months on-the-job training is usual. State and Commonwealth authorities issue fishing licences.

TASKS include:

- standing lookout watches at sea and alerting deck officer to sightings of other vessels, navigation marks or hazards
- maintaining ship's equipment, cargo gear, rigging, life-saving and fire-fighting appliances
- washing and painting decks, ship's sides and superstructure
- laying and hauling in nets, lines and traps used to catch fish, crustaceans and molluscs
- · sorting, cleaning and stowing catch

OCCUPATIONS

8925-01 Boatswain Bosun (a)

8925-11 Seaman/woman
Deckhand (a)
Sailor (a)
Barge Hand (s)
Coxswain (s)
Ferry Hand (s)
Tug Hand (s)

8925-13 Fisherman/woman Fisher (a) Abalone Shucker (s) Prawner (s)

8999 OTHER LABOURERS AND RELATED WORKERS

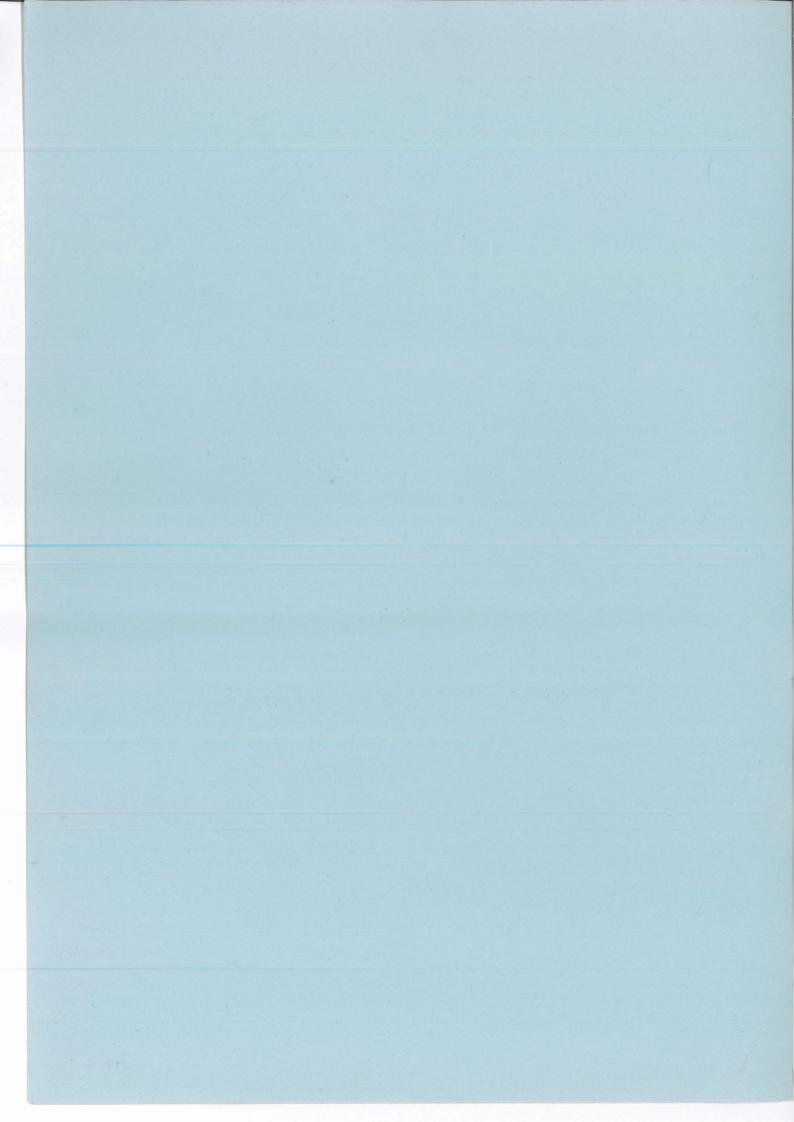
This unit group covers occupations not elsewhere classified in Minor Group 89, Miscellaneous Labourers and Related Workers.

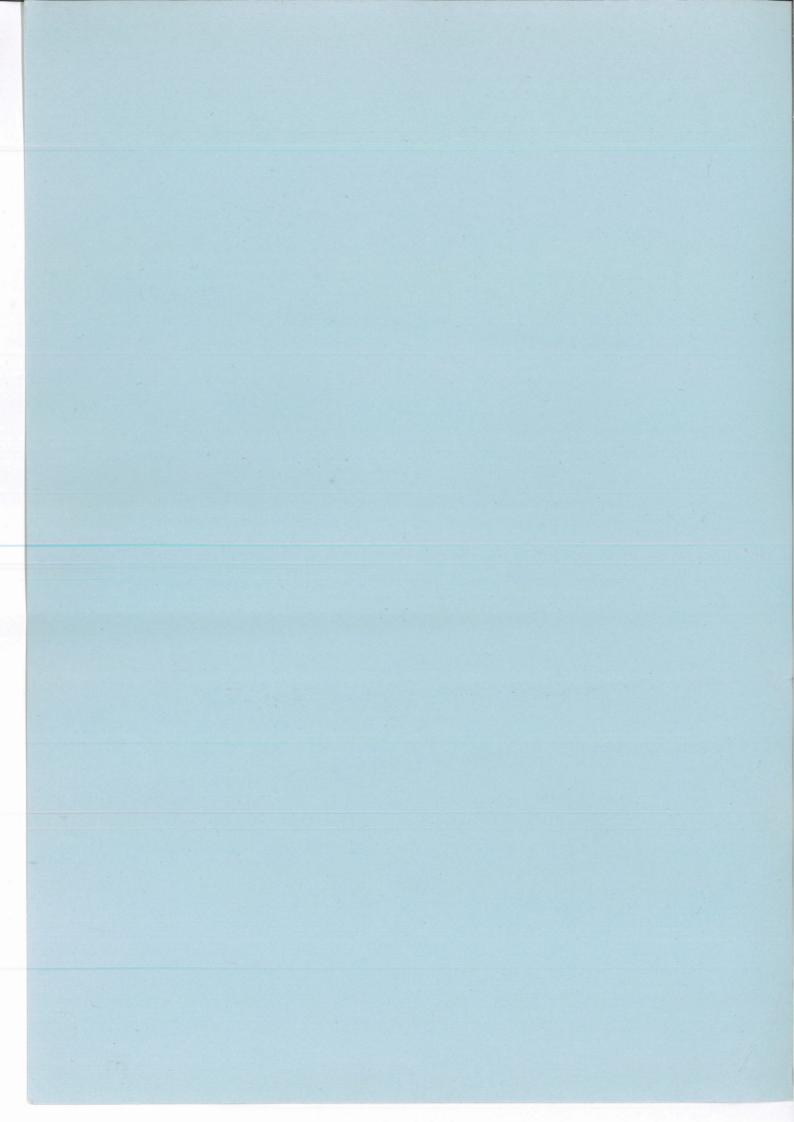
OCCUPATIONS

8999-11 Animal Attendant
Animal Groom (except Horse) (s)
Kennelman/maid (s)

8999-13 Pest and Weed Controller Fumigator (s) Pest Exterminator (s)

- 8999-15 Vending Machine Attendant Poker Machine Attendant (s)
- 8999-17 Lampman/woman Lamproom Attendant (a)
- 8999-19 Handyman/woman Hotel Useful (s) Hotel Yardman/woman (s)
- 8999-21 Funeral Attendant Undertaker's Assistant (a) Crematorium Assistant (s)
- 8999-23 Veterinary Nurse Animal Nurse (s) Veterinary Attendant (s)
- 8999-25 Railway Station Assistant
- 8999-27 Automotive Parts Recycler
- 8999-99 Labourers and Related Workers nec
 Car Park Attendant (s)
 First Aid Officer (s)
 Grain Binsman/woman (s)
 Grip (s)
 Parking Meter Collector (s)
 Pool Serviceperson (s)
 Public Telephone Money Collector (s)
 Railway Crossing Attendant (s)
 School Crossing Attendant (s)
 Stage Assistant (s)
 Stagehand (s)
 Studio Hand (s)





ASCO

STATISTICAL CLASSIFICATION

PART 3

KEYWORD INDEX OF STRUCTURE TITLES

INTRODUCTION

Occupation titles (Principal, Alternative and Specialisation) contained in Structure and Group Definitions are indexed in this part under keywords to enable users of the Classification to locate relevant titles and unit group definitions.

The keywords used in this part are any significant words occurring in such a title, that is, any words other than articles, conjunctions and prepositions.

Keywords are arranged in alphabetical order. Each keyword is followed by a list of all titles in which it appears, with the appropriate ASCO occupation (6-digit) code for each.

Each title containing more than one keyword appears more than once in this index. Thus the Principal title 'Clerk of High Court' appears under 'Clerk', 'High', and 'Court' (but not under 'of').

This Index is designed to assist users to locate unit group definitions in the Structure and Group Definitions using significant words from occupation titles.

In particular this Index is intended to be used to find appropriate locations for occupation title questionnaire responses which cannot be found in the Coding Index. All significant words in the title response should be used as keys to identify Unit Group codes.

The procedure for dealing with such responses is as follows:

identify possible unit group codes by using the Keyword Index of Structure Titles;

select possible unit group codes by comparing the unit group definitions contained in the Structure and Group Definitions with all information contained in the response;

make a final selection by referring to the Coding Index or the Coding Index: Numerical Order.

This index is intended to be a guide to locating relevant unit group definitions in Structure and Group Definitions. Codes from this Index should not be allocated without referring to Structure and Group Definitions and the Coding Index or the Coding Index: Numerical Order to ensure that the code is appropriate, even when there is only one code or only one title shown under a particular keyword.

The reason for such a cautious approach to using this Index is that it is based on the set of titles in Structure and Group Definitions. These titles are intended to convey the clearest possible idea of the content of the particular occupation. An entry under a particular keyword does not contain the kinds of titles people would use when describing their occupations on a questionnaire, nor is it an exhaustive list of unit groups concerned with a particular industry, product or process. It is simply a list of Structure titles containing a particular significant word.

KEYWORD	CODE	TITLE
A-GRADE	4901-11	Wood Machinist (A-Grade)
ABALONE	4999-23 8925-13	Abalone Diver Abalone Shucker
ABATTOIR	4701-01 8199-33 8199-33 8199-33	Supervisor, Abattoir Workers Abattoir Sticker Knockerdown (Abattoir) Stunner and Shackler (Abattoir)
ABORIGINAL	2407-99 2607-11	Aboriginal Education Teacher Aboriginal Ceremonial Celebrant
ABRASIVE	7419-99	Abrasive Wheel Maker
ACCESSORIES	6301-25 8923-01 8923-11	Sales Assistant (Vehicle Parts and Accessories) Supervisor, Vehicle Accessories Fitters Vehicle Accessories Fitter
ACCOMMODATION	3905-99 8915-11	Travel Accommodation Inspector Accommodation and Lodging Housekeeper
ACCOMPANIST	2815-17	Accompanist
ACCOUNT	2703-11	Advertising Account Executive
ACCOUNTANT	1301-11 2701-11 2701-91 2701-91 5301-17 5301-17	Chief Accountant Accountant Cadet Accountant Trainee Accountant Bank Accountant Branch Accountant (Financial Institution)
ACCOUNTING	5203-11 5301-01 5301-13	Accounting Machinist Supervisor, Accounting Clerks Investment Accounting Clerk
ACCOUNTS	5301-13	Accounts Clerk
ACROBAT	2817-13	Acrobat
ACTIVITIES	2999-17	Activities Officer
ACTOR	2817-11	Actor
ACTUARIAL	5305-01 5305-13	Supervisor, Statistical and Actuarial Clerks Actuarial Clerk
ACTUARY	2909-15	Actuary
ACUPUNCTURIST	2399-99	Acupuncturist
ADJUSTER	3905-29 4213-11	Loss Adjuster Scalemaker and Adjuster
ADMINISTRATIVE	1103-17	Administrative Appeals Tribunal Member
ADMINISTRATOR	1101-99 1201-11 1315-11 1399-99 1599-13 2601-11 2707-21 2799-11	Northern Territory Administrator Hospital Administrator Nurse Administrator Religious Administrator Sports Centre Administrator Social Planner and Administrator Database Administrator Health Data Administrator Medical Record Administrator
ADMISSIONS	5601-15	Admissions Clerk
ADMITTING	5601-15	Hospital Admitting Clerk
ADVERTISING	1303-11 2703-11 5999-15 6201-21	Advertising Manager Advertising Account Executive Classified Advertising Clerk Sales Representative (Advertising)

KEYWORD	CODE	TITLE
ADVISER	2107-25	Forestry Adviser
	2107-27 2603-17 2905-13	Agricultural Adviser Careers Counsellor and Adviser Early Child Care Adviser
	2905-13 2999-17 6101-99 6507-13	Pre-School Adviser Recreation Adviser Investment Adviser Tourist Adviser
ADVISORY	2905-11	Curriculum Advisory Teacher
AERIAL	3201-17	Aerial Survey Technician
AEROBICS	2505-99	Aerobics Instructor
AERONAUTICAL	2219-11 3299-99	Aeronautical Engineer Aeronautical Engineering Technical Officer
AGENCY	1599-17 1599-99	Real Estate Agency Manager Stock and Station Agency Manager
AGENT	2701-11 3999-99 5503-13 5901-11 6103-11 6105-13	Tax Agent Inquiry Agent Customs Agent Collection Agent Insurance Agent Leasing Agent
	6507-11	Travel Agent (Commercial)
AGENTS	6103-01	Supervisor, Insurance Brokers and Agents
AGRICULTURAL	2107-27 2107-27 2107-27 2219-13 2901-11 3103-29 3103-31	Agricultural Adviser Agricultural Consultant Agricultural Extension Officer Agricultural Engineer Agricultural Economist Agricultural Technical Officer Agricultural Technician
	3301-11 3999-99	Agricultural Pilot Agricultural Secretary
AGROMETEOROLOGIST	2199-15	Agrometeorologist
AGRONOMIST	2107-19	Agronomist
AGROSTOLOGIST	2107-19	Agrostologist
AID	8999-99	First Aid Officer
AIDE	5903-11 6601-11 6601-13 6603-11 6607-13 8921-13	Teachers' Aide Pre-School Aide Child Care Aide Nurses' Aide Family Aide Dietary Aide
AIR	1201-11 2199-11 2205-13 2219-11 3201-17 3207-15 3299-99 3299-99 3303-11 3303-25 3303-91 3303-99 7317-11	Air Force ranks above and including Air Commodore Air Pollution Analyst Air Photo Plotter (Air Force) Air Safety Engineer Communications Electronic Systems Technician (Air Force) Photographic Interpreter (Air Force) Aircraft Systems Technician (Air Force) Avionics System Technician (Air Force) Air Traffic Controller Air Observer (Rescue) Trainee Air Traffic Controller Air Defence Officer Air Track Operator
AIR-CONDITIONING	2213-11 3205-11	Air-Conditioning Engineer Air-Conditioning Drafting Officer

KEYWORD	CODE	TITLE JOHN DOM'S BARAGES
	4307-01	Supervisor, Refrigeration and Air-Conditioning Mechanics
	4307-11	Air-Conditioning Mechanic
	4307-11	Air-Conditioning Technician
	4307-91	Apprentice Refrigeration and Air-Conditioning Mechanic
	4601-11	Automotive Air-Conditioning Mechanic
	7303-11	Air-Conditioning Plant Operator
AIRBORNE	3303-99	Airborne Electronics Analyst
AIRCRAFT	3201-15	Aircraft Electronics Technical Officer
	3299-99 3299-99	Aircraft Detail Draftsperson Aircraft Systems Technician (Air Force)
	3301-11	Aircraft Captain
	3301-11	Aircraft Pilot
	3303-23	Aircraft Navigator
	3303-25	Aircraft Crewman/woman (Military and Rescue)
	4103-13	Aircraft Machinist
	4103-91	Apprentice Aircraft Machinist
	4211-01	Supervisor, Aircraft Maintenance Engineers
	4211-11	Aircraft Engine Fitter
	4211-11 4211-11	Aircraft Ground Engineer (Engines) Aircraft Maintenance Engineer (Engines)
	4211-11	Aircraft Mechanic (Engines)
	4211-11	Examiner of Aircraft Engines
	4211-11	Licensed Aircraft Maintenance Engineer (Engines)
	4211-11	Line Maintenance Aircraft Engineer (Engines)
	4211-13	Aircraft Ground Engineer (Airframes)
	4211-13	Aircraft Maintenance Engineer (Airframes)
	4211-13	Licensed Aircraft Maintenance Engineer (Airframes)
	4211-13 4211-15	Line Maintenance Aircraft Engineer (Airframes)
	4211-15	Aircraft Electrical Engineer Aircraft Ground Engineer (Electrical)
	4211-15	Aircraft Maintenance Engineer (Electrical)
	4211-15	Examiner of Aircraft (Electrical)
	4211-15	Licensed Aircraft Maintenance Engineer (Electrical)
	4211-17	Aircraft Ground Engineer (Radio)
	4211-17	Aircraft Maintenance Engineer (Radio)
	4211-17	Aircraft Mechanic (Radio)
	4211-17 4211-17	Examiner of Aircraft Radio Licensed Aircraft Maintenance Engineer (Radio)
	4211-19	Aircraft Ground Engineer (Instruments)
	4211-19	Aircraft Maintenance Engineer (Instruments)
	4211-19	Aircraft Mechanic (Instruments)
	4211-19	Examiner of Aircraft Instruments
	4211-19	Licensed Aircraft Maintenance Engineer (Instruments)
	4211-91	Apprentice Aircraft Ground Engineer
	4211-91	Apprentice Aircraft Maintenance Engineer
	4211-91	Apprentice Aircraft Mechanic
	4999-27 5503-11	Aircraft Safety Equipment Worker Aircraft Load Controller
	6609-01	Aircraft Purser
	7299-99	Military Aircraft Handler
	8301-11	Aircraft Cabin Cleaner
AIRFIELD	7499-19	Airfield Defence Guard
AIRFRAME	3299-99	Airframe Technical Officer
	4211-13	Airframe Fitter
	4211-13	Airframe Mechanic
AIRFRAMES	3303-19	Airworthiness Surveyor (Airframes)
	4211-13	Aircraft Ground Engineer (Airframes)
	4211-13	Aircraft Maintenance Engineer (Airframes)
	4211-13	Examiner of Airframes
	4211-13 4211-13	Licensed Aircraft Maintenance Engineer (Airframes) Line Maintenance Aircraft Engineer (Airframes)
AIRLINE	6405-11	Airline Traffic Officer (Passenger Services)
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KEYWORD	CODE	TITLE	
AIRWAYS	3303-17	Airways Surveyor	
AIRWORTHINESS	3303-19 3303-19 3303-19 3303-19 3303-19	Airworthiness Surveyor Airworthiness Surveyor (Airframes) Airworthiness Surveyor (Electrical and Instruments) Airworthiness Surveyor (Engines) Airworthiness Surveyor (Radio)	
ALARMS	4311-99	Alarms Installer	
ALCOHOL	2603-11	Drug and Alcohol Counsellor	
ALCOHOLIC	7431-17	Alcoholic Beverage Machine Operator	
ALDERMAN/WOMAN	1101-99	Alderman/woman	
ALLERGIST	2303-99	Clinical Allergist	
ALUMINIUM	7315-11	Pot Operator (Aluminium)	
AMBASSADOR	1101-99	Ambassador	
AMBULANCE	1399-99 3909-11 3909-11	Ambulance Superintendent Ambulance Officer Ambulance Paramedic	
AMENITY	7209-13	Amenity Horticulture Machine Operator	
AMMUNITION	4999-29	Ammunition Technician	
AMUSEMENT	4399-13	Amusement Machine Mechanic	
ANAESTHETIC	3101-99	Anaesthetic Technician	
ANAESTHETIST	2303-11	Anaesthetist	
ANATOMIST	2199-11 2199-11 2199-11 2707-15 2707-17 2707-17 2707-17 2707-17 2707-17 2707-17 2707-17 2707-25 2799-15 2999-11 3103-11 3303-99 3999-27 3999-29	Air Pollution Analyst Land Degradation Analyst Water Quality Analyst Analyst Programmer Communications Analyst Computer Analyst Computer Systems Analyst Database Analyst EDP Analyst Telecommunications Analyst EDP Security Analyst Organisation and Methods Analyst Procedures Analyst Market Research Analyst Operations Research Analyst Chemical Process Analyst Airborne Electronics Analyst Forms Analyst and Designer Credit and Loans Analyst	
ANATOMIST	2107-11 2107-19	Anatomist Plant Anatomist	
ANIMAL	2107-11 2107-23 2107-23 3103-27 4931-99 8199-33 8999-11 8999-11 8999-23	Animal Morphologist Animal Nutritionist Animal Taxonomist Animal Technician Animal Trainers nec Animal Skinner Animal Attendant Animal Groom (except Horse) Animal Nurse	
ANIMATOR	2805-13	Animator	

KEYWORD	CODE	TITLE
ANNOUNCER	2819-11	Announcer
ANODE	7399-33	Anode Press Operator
ANODISER	4209-13	Anodiser
ANTHROPOLOGIST	2907-99	Anthropologist
ANTIQUE	4903-11 4903-11	Antique Furniture Reproducer Antique Furniture Restorer
APIARIST	1401-35	Apiarist
APIARY	8201-99	Apiary Assistant
APPAREL	4911-13 4911-15	Apparel Sample Hand Apparel Cutter
APPEALS	1103-17	Administrative Appeals Tribunal Member
APPLIANCE	4303-13	Electrical Appliance Servicer
APPLICATIONS	2707-11	Applications Programmer
APPOINTMENTS	5601-11	Appointments Clerk
APPRENTICE	1401-91 3915-91	Farm Apprentice Apprentice Jockey
• "	4101-91	Apprentice Toolmaker
	4103-91	Apprentice Aircraft Machinist
	4103-91 4103-91	Apprentice Automotive Machinist Apprentice Fitter, Turner and Machinist
	4103-91	Apprentice Mechanic (Diesel and Heavy Earthmoving Equipment)
	4103-91	Apprentice Metal Fitter and Machinist
	4103-91 4103-91	Apprentice Sewing Machine Mechanic Apprentice Textile Mechanic
	4201-91	Apprentice Blacksmith
1	4201-91	Apprentice Farrier
	4201-91 4203-91	Apprentice Forging Tradesperson
	4203-91	Apprentice Coppersmith Apprentice Metal Spinner
	4203-91	Apprentice Sheetmetal Tradesperson
	4205-91	Apprentice Boilermaker
	4205-91 4205-91	Apprentice Metal Fabricator Apprentice Structural Steel Tradesperson
	4205-91	Apprentice Structural Steel Hadesperson Apprentice Structural Steel, Boilermaking and Welding Tradesperson
	4205-91	Apprentice Template Maker
	4205-91	Apprentice Welder
	4207-91 4207-91	Apprentice Metal Casting Patternmaker Apprentice Metal Casting Tradesperson
	4207-91	Apprentice Moulder and Coremaker
	4209-91	Apprentice Electroplater
	4209-91 4209-91	Apprentice Metal Finishing Tradesperson Apprentice Metal Polisher
	4211-91	Apprentice Metal Folisher Apprentice Aircraft Ground Engineer
	4211-91	Apprentice Aircraft Maintenance Engineer
	4211-91	Apprentice Aircraft Mechanic
	4213-91 4213-91	Apprentice Locksmith Apprentice Precision Metal Tradesperson
	4213-91	Apprentice Saw Maker and Repairer
	4213-91	Apprentice Watch and Clock Repairer
	4301-91	Apprentice Electrical Powerline Tradesperson
	4303-91 4305-91	Apprentice Electrical Fitter Apprentice Automotive Electrician
	4307-91	Apprentice Automotive Electrician Apprentice Refrigeration and Air-Conditioning Mechanic
	4309-91	Apprentice Electrical Mechanic
	4309-91	Apprentice Electrician
	4313-91 4315-91	Apprentice Radio and Television Servicer Apprentice Office Equipment and Computer Servicer

CODE TITLE

4399-99	Apprentice	Electronic Instrumentation Tradesperson
4401-91	Apprentice	Carpenter
4401-91	Apprentice	Carpenter and Joiner
4401-91	Apprentice	Joiner
4403-91	Apprentice	
4405-91		
		Painter, Decorator and Signwriter
4407-91	Apprentice	
4409-91	Apprentice	Drainer
4409-91	Apprentice	Gasfitter
4409-91	Apprentice	Leadburner
4409-91	Apprentice	
4409-91		Sprinkler Fitter
		Roof Slater and Tiler
4411-91		
4413-91	• 1 • 1 00 00 00 00	Wall and Floor Tiler
4501-91		Compositor
4503-91	Apprentice	Graphic Reproduction Tradesperson
4505-91	Apprentice	Printing Machinist
4507-91	Apprentice	Binder and Finisher
4509-91		Stereotyper and Electrotyper
4511-91		Screen Printer
		Brake Mechanic
4601-91		
4601-91		Diesel Motor Mechanic
4601-91	Apprentice	Motor Mechanic
4601-91	Apprentice	Motorcycle Mechanic
4601-91	Apprentice	Small Engine Mechanic
4603-91	Apprentice	Panel Beater
4605-91	• •	Vehicle Painter
4607-91		Vehicle Body Maker
Company Services - National Services		•
4609-91		Vehicle Trimmer
4701-91	Apprentice	
4701-91		Meat Tradesperson
4701-91	Apprentice	Slaughterman/woman
4701-91	Apprentice	Smallgoods Maker
4703-91	Apprentice	Baker and Pastrycook
4705-91	Apprentice	·
4799-91	• •	Buttermaker
4799-91		Cheesemaker
4799-91		Confectioner
4799-91		Other Food Trades
4801-91	Apprentice	Nurseryman/woman
4803-91	Apprentice	Greenkeeper
4805-91	Apprentice	Gardener
4805-91		Landscape Gardener
4901-91		Wood Machinist
4901-93		Wood Turner
4903-91	• •	Cabinetmaker
4905-91		Cane Furniture Maker
4905-91	Apprentice	•
4905-91	Apprentice	Furniture Finisher
4905-91	Apprentice	Model Maker
4905-91		Picture Framer
4905-91		Wood Carver
4905-91		Other Wood Trades
4907-91		Boatbuilder
4907-91		Marine Construction Tradesperson
4907-91		Ship's Carpenter
4907-91	Apprentice	
4911-91		Garment Tradesperson
4911-91	Apprentice	
4913-91		Upholsterer and Bedding Tradesperson
4915-91	Apprentice	
4915-91		Shoemaker and Repairer
4917-91		Canvas Goods Maker
4917-91		Leather Goods Maker
4917-91	Apprentice	Sailmaker
4917-91		Other Leather and Canvas Trades

KEYWORD	CODE	TITLE THE METER DARK AND
	4919-91	Apprentice Floor Coverer
	4921-91	Apprentice Flat Glass Tradesperson
	4923-91	Apprentice Diamond Cutter
	4923-91	Apprentice Jeweller
	4923-91	Apprentice Jewellery and Precious Metalware Tradesperson
	4923-91 4925-91	Apprentice Silversmith
	4925-91	Apprentice Craftworker Apprentice Musical Instrument Maker and Repairer
	4925-91	Apprentice Piano Tuner
	4925-91	Apprentice Potter
	4927-91	Apprentice Hairdresser
	4999-91	Apprentice Dental Mechanic
	4999-91	Apprentice Florist
	4999-91	Apprentice Optical Mechanic
	4999-91	Apprentice Stonemason
	4999-91	Apprentice, Other Trades
ARBITRATION	1103-19	Conciliation and Arbitration Commissioner
	3905-23	Arbitration Inspector
ARBORICULTURIST	4805-15	Arboriculturist
ARC	4205-19	Arc Welder
	4205-19	Gas-shielded Arc Welding Operator
ARCH	4403-11	Arch Builder
ARCHAEOLOGIST	2907-99	Archaeologist
ARCHITECT	2201-11	Architect
	2201-11	Chief Architect
	2201-13	Landscape Architect
	2219-15	Naval Architect
ARCHITECTURAL	3207-13	Architectural Associate
	3207-13	Architectural Drafting Officer
	3207-13	Architectural Technical Officer
	3299-99	Architectural Tracer
ARCHIVIST	2999-13	Archivist
ARMAMENT	2219-99	Military Armament Engineer
	4999-29	Armament Fitter
	4999-29	Armament Mechanic
ARMATURE	4303-11	Armature Winder
ARMOURED	7499-19	Armoured Fighting Vehicle Crewman
	7499-19	Armoured Fighting Vehicle Driver
ARMOURER	4213-19	Armourer
ARMY	1201-11	Army ranks above and including Brigadier
CONT	2209-11	Transport Engineer (Army)
	2607-11	Salvation Army Officer
	5605-11	Despatch Rider (Army)
	7211-11	Fire Engineer (Army)
	7299-99	Recovery Mechanic (Army)
	7299-99	Specialist Vehicles Operator (Army)
ARRANGER	2815-99	Music Arranger
	5501-11	Programme Arranger
ART	2505-11	Art Teacher (Private)
	2811-11	Art Director (Television, Film or Stage)
	3999-13	Museum and Art Gallery Technician
ARTICLED	2605-91	Articled Clerk
ARTIFICIAL	3103-31	Artificial Insemination Technician

2801-11 Artist (Painting)

ARTIST

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CODE TITLE

	2801-99 2801-99 2805-13 2805-13 2813-13 2817-13 3903-99 3999-17 3999-17	Environmental Artist Laser Artist Commercial Artist Display Artist Striptease Artist Circus Artist Variety Artist Make-up Artist Finish Artist Layout Artist Paste-up Artist
ARTISTIC	2801-11 2801-99	Painter (Artistic) Etcher (Artistic)
ARTS	2801-99 3903-01	Scene Painter (Performing Arts) Supervisor, Performing Arts Support Workers
ASPHALT	8409-11	Asphalt Worker
ASSAULT	7499-19	Assault Trooper
ASSAYER	2101-11	Assayer
ASSEMBLER	8103-11 8103-11 8103-13 8103-15 8103-17 8103-17 8103-17	Metal and Metal Products Assembler Metal Window Assembler Vehicle Assembler Electrical and Electronic Equipment Assembler Jewellery Assembler Furniture Assembler Joinery Assembler Wood Products Assembler
ASSEMBLERS	8103-01	Supervisor, Assemblers
ASSEMBLY	8109-13 8109-13	Equipment Assembly Inspector Vehicle Assembly Inspector
ASSESSOR	2999-99 3103-27 3905-29 3905-29 5303-11	Military Personnel Selection Assessor Forest Assessor Claims Assessor (except Health) Insurance Assessor (except Health) Health Insurance Assessor
ASSISTANT	2807-01 2807-99 2999-99 3103-27 3201-13 3201-17 3203-13 3205-13 3999-23 4911-13 5401-11 5603-11 5903-11 6301-15 6301-15 6301-17 6301-19 6301-21 6301-21 6301-23 6301-23 6301-25	Assistant Editor Editorial Assistant Executive Assistant Botanical Technical Assistant Electrical Engineering Drafting Assistant Electronics Detail Drafting Assistant Civil Engineering Drafting Assistant Mechanical Engineering Drafting Assistant Mechanical Engineering Drafting Assistant Photographic Studio Assistant Wardrobe Assistant Library Assistant Library Assistant Manual Assistant (Telecom) Teachers' Assistant Sales Assistant (Hardware and Gardening Supplies) Sales Assistant (Fabrics, Clothing and Footwear) Canteen Assistant Sales Assistant (Food and Drink Products) Sales Assistant (Furniture, Floor Coverings and Household Goods) Sales Assistant (Caravans and Motor Vehicles) Sales Assistant (Office Supplies) Sales Assistant (Stationery, Newspapers and Books) Chemist Shop Assistant Sales Assistant (Pharmaceutical Products and Toiletries) Sales Assistant (Tyres)
	6301-25	Sales Assistant (Vehicle Parts and Accessories)

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CODE TITLE

6301-99	Sales Assistant (EDP and Office Equipment)
6301-99	Sales Assistant (Musical Equipment and Supplies)
6301-99	Sales Assistant (Photographic Equipment and Supplies)
6301-99	Sales Assistant (Sports Equipment and Toys)
6301-99	Sales Assistant (Watches and Jewellery)
6601-11	Kindergarten Assistant
6601-13	Child Care Assistant
6601-15	Children's Nursery Assistant
6601-99	Special Teaching Assistant
6605-11	Dental Assistant
7107-91	Assistant Locomotive Driver
7399-13	Rolling Mill Assistant
7399-19	Railway Yard Assistant
7435-11	Photographic Laboratory Assistant
7499-21	Printing Bindery Assistant
8101-11	Boilermaker's Assistant
8101-11	Fitter's Assistant
8101-11	Metal Forger's Assistant
8101-11	Metal Moulder's Assistant
8101-11	Metal Trades Assistant
8101-13	Bricklayer's Trades Assistant
8101-13	Carpenter's Trades Assistant Construction Trades Assistant
8101-13 8101-13	Painter and Decorator's Assistant
8101-13	Plasterer's Assistant
8101-13	Plumber's Trades Assistant
8101-13	Roof Slater and Tiler's Assistant
8101-13	Signwriter's Assistant
8101-13	Wall and Floor Tiler's Assistant
8101-15	Cable Jointer's Assistant
8101-15	Electrical and Telecommunications Trades Assistant
8101-15	Electrical Power Linesman/woman's Assistant
8101-15	Telecommunications Lineman/woman's Assistant
8101-99	Carpetlayer's Assistant
8101-99	Garage Assistant
8101-99	Motor Mechanic's Trades Assistant
8101-99	Powder Monkey's Assistant
8101-99	Shot Firer's Assistant
8109-15	Product Testing Assistant
8199-11	Tinning Line Assistant
8199-29	Printing Machine Assistant
8199-31	Glassware Process Assistant
8201-99	Apiary Assistant
8201-99	Hatchery Assistant
8201-99	Oyster Grower's Assistant Nursery Assistant (Horticulture)
8205-11 8205-13	Gardener's Assistant
8405-13	Rigger's Assistant
8411-11	Geological Survey Field Assistant
8411-11	Seismic Survey Assistant
8411-11	Surveyor's Assistant
8907-11	Stores Assistant
8907-11	Warehouse Assistant
8909-17	Furniture Removalist's Assistant
8917-11	Laundry Assistant
8921-11	Ward Assistant
8921-15	Nursing Assistant
8999-21	Crematorium Assistant
8999-21	Undertaker's Assistant
8999-25	Railway Station Assistant
8999-99	Stage Assistant
6301-01	Supervisor, Sales Assistants
8199-01	Supervisor, Other Trades Assistants and Factory Hands
8201-01	Supervisor, Farm Hands and Assistants
2605-99	Judge's Associate

ASSOCIATE 2605-99 Ju

KEYWORD	CODE	TITLE
	2807-01	Associate Editor
	3201-11	Electrical Engineering Associate
	3201-15	Electronics Engineering Associate
	3203-11	Civil Engineering Associate
	3205-11	Mechanical Engineering Associate
	3207-13	Architectural Associate
	3207-15	Cartographic Associate
	3207-15 3901-15	Surveying Associate Social Worker Associate
ASSURANCE	6103-11	Life Assurance Representative
ASTRONOMER	2105-11	Astronomer
ATTENDANT	5401-11	Library Attendant
	5907-15	Court Attendant
	6301-15	Bottle Shop Attendant
	6503-11	Bar Attendant
	6505-15	Dining Room Attendant
	6599-13	Auction Room Attendant
	6599-21	Driveway Attendant
	6599-21	Service Station Attendant
	6601-15	Child Care Attendant
	6601-15	Creche Attendant
	6609-01	Senior Flight Attendant
	6609-11	Flight Attendant
	7303-11	Boiler Attendant
	7313-11	Mine Cage Attendant
	7431-13	Sugar Melthouse Attendant
	7433-99	Strapping Machine Attendant
	7435-11	Dark Room Attendant
	7499-13	Tobacco Dryer Attendant
	7499-13	Tobacco Machine Attendant
	8101-99	Lubritorium Attendant
	8301-21	Car Wash Attendant
	8415-15	Screen and Loadout Attendant
	8901-11 8901-15	Door Attendant Theatre Attendant
	8901-15	Turnstile Attendant
	8911-99	Pool Attendant
	8917-11	Laundromat Attendant
	8921-15	Nurse Attendant
	8999-11	Animal Attendant
	8999-15	Poker Machine Attendant
	8999-15	Vending Machine Attendant
	8999-17	Lamproom Attendant
	8999-21	Funeral Attendant
	8999-23	Veterinary Attendant
	8999-99	Car Park Attendant
	8999-99	Railway Crossing Attendant
	8999-99	School Crossing Attendant
ATTENDANTS	6503-01	Supervisor, Bar Attendants
AUCTION	6599-13	Auction Room Attendant
AUCTIONEER AUDIO	6599-11 3903-11	Auctioneer Audio Operator
АОБІО	3903-11	Audio Operator Audio Technician
AUDIOLOGIST	2399-11	Audiologist
AUDIOMETRIST	3101-99	Audiometrist
AUDIT	5301-13	Audit Clerk
AUDITOR	2701-11 2707-25 2707-25	Auditor Computer Auditor EDP Auditor

KEYWORD	CODE	TITLE	35 E 45 C 1 1
	2000 months of the first of a speciment of the second of t		
AUTHOR	2809-11	Author	
AUTO	7209-13	Auto Scythe Operator	
AUTOCLAVE	7431-27	Food Processing Autoclave Operator	
AUTOMATIC	4901-11	Automatic Profile Sander Operator	
AUTOMOBILE	7103-11	Automobile Driver	
AUTOMOTIVE	4103-13	Automotive Machinist	
	4103-91	Apprentice Automotive Machinist	
	4305-01	Supervisor, Automotive Electricians	
	4305-11	Automotive Electrical Fitter	
	4305-11	Automotive Electrician	
	4305-91	Apprentice Automotive Electrician	
	4601-11	Automotive Air-Conditioning Mechanic	
	6301-25	Automotive Parts Interpreter	
	8999-27	Automotive Parts Recycler	
AVIONICS	3299-99	Avionics System Technician (Air Force)	
AWNINGS	8401-13	Awnings Installer	

KEYWORD	CODE	TITLE
B-GRADE	4901-15	Wood Machinist (B-Grade)
BABY	6601-15	Baby Sitter
BACK-HOE	7201-15	Back-hoe Operator
BACTERIOLOGIST	2107-99	Bacteriologist
BAG	7433-99	Sack and Bag Filler
BAGMAN/WOMAN	5999-17	Bagman/woman
BAILIFF	5907-99	Bailiff
BAKER	4703-13 4703-91	Baker Apprentice Baker and Pastrycook
BAKERS	4703-01	Supervisor, Bakers and Pastrycooks
BAKING	8199-41	Baking Factory Hand
BALING	7433-99	Baling and Compression Machine Operator
BALLET	2505-15 2813-13	Ballet Teacher Ballet Dancer
BAND	2815-11	Band Leader
BANDER	4901-11	Edge Bander Operator
BANK	1507-11 5301-17	Bank Manager Bank Accountant
BAR	1501-11 6503-01 6503-01 6503-11 6503-11	Milk Bar Manager Bar Manager Supervisor, Bar Attendants Bar Attendant Bar Steward/Stewardess
BARBER	4927-11	Barber
BARGE	8925-11	Barge Hand
BARMAN/MAID	6503-11	Barman/maid
BARREL	4209-17	Barrel Plater
BARRISTER	2605-11	Barrister
BATCHER	7399-35	Premix Concrete Batcher
BATCHING	7399-35	Concrete Batching Plant Operator
BEAMER	7425-11 7425-11	Beamer Warp Beamer
BEATER	4603-11 4603-91	Panel Beater Apprentice Panel Beater
BEATERS	4603-01	Supervisor, Panel Beaters
BEAUTICIAN	6699-15	Beautician
BEAUTY	1599-99 6699-15	Beauty Parlour Manager Beauty Therapist
BEDDING	4913-01 4913-13 4913-91	Supervisor, Upholsterers and Bedding Tradespersons Bedding and Mattress Maker Apprentice Upholsterer and Bedding Tradesperson
BEEF	1401-17 1401-17 1401-17 1401-17	Beef Cattle Farm Manager Beef Cattle Farmer Beef Cattle Station Manager Beef Cattle Stud Farmer
BEEKEEPER	1401-35	Beekeeper
BELT	7309-11	Conveyor Belt Operator

KEYWORD	CODE	TITLE.	Eligipa L.
BENCH	4103-11	Bench Fitter	
BENCHWORKER	8103-15	Jewellery Benchworker	
BENDER	4921-13	Glass Bender	
BENDING	4203-17	Metal Bending Machine Operator	
BESPOKE	4915-11	Bespoke Shoemaker	
BEVELLER	4921-11	Glass Beveller	
BEVERAGE	7431-17	Alcoholic Beverage Machine Operator	
BEVERAGES	7399-99	Distiller (Beverages)	
BIBLIOGRAPHER	2911-11	Bibliographer	
BINDER	4507-11 4507-91	Binder and Finisher Apprentice Binder and Finisher	
BINDERS	4507-01	Supervisor, Binders and Finishers	
BINDERY	7499-21	Printing Bindery Assistant	
BINSMAN/WOMAN	8999-99	Grain Binsman/woman	
BIOCHEMIST	2107-15 2303-37	Biochemist Clinical Biochemist	
BIOCHEMISTRY	3101-13	Clinical Biochemistry Technician	
BIOGEOGRAPHER	2907-13	Biogeographer	
BIOLOGIST	2107-15 2107-99 2107-99	Molecular Biologist Cell Biologist Soil Biologist	
BIOLOGY	3103-25	Biology Technical Officer	
BIOMEDICAL	2109-13	Biomedical Engineer	
BIOMETRICIAN	2909-13	Biometrician	
BIOPHYSICIST	2107-17	Biophysicist	
BISCUIT	4703-15 8199-41	Biscuit Maker Biscuit Factory Hand	
BITUMEN	8409-11	Bitumen Worker	
BLACKSMITH	4201-11 4201-91	Blacksmith Apprentice Blacksmith	V *
BLACKSMITH'S	8101-11	Blacksmith's Striker	
BLAST	7315-01 7315-11 8199-11	Supervisor, Blast Furnace Operators Blast Furnace Operator Blast Furnace Helper	
BLASTER	4909-11	Blaster	
BLASTING	4909-01	Supervisor, Blasting Tradespersons	
BLEACHING	7425-17	Bleaching Machine Operator	
BLENDER	7307-13 7431-15 7431-17 7431-23	Well Treatment Blender Operator Syrup Blender Spirit Blender Margarine Blender	
BLENDING	7307-11 7407-21	Petroleum Blending Plant Operator Plastics Blending Machine Operator	
BLINDSTITCHER	7427-13	Blindstitcher	
BLOCKLAYER	4403-11	Blocklayer	
BLOOD	2303-37	Blood Transfusionist	

KEYWORD	CODE	TITLE
BLOW	7407-15	Blow Moulding Machine Operator
BLOWER	4921-13 4921-93	Glass Blower Trainee Glass Blower
BLOWING	4921-13	Glass Blowing Lathe Operator
BOARD	3201-17	Printed Circuit Board Designer
BOARDING	1505-99	Boarding House Manager
BOAT	4907-13	Boat Builder and Repairer
BOATBUILDER	4907-91	Apprentice Boatbuilder
BOATSWAIN	8925-01	Boatswain
BOBCAT	7201-19	Bobcat Operator
BODY	4607-01 4607-11 4607-11 4607-91	Supervisor, Vehicle Body Makers Vehicle Body Builder Vehicle Body Maker Apprentice Vehicle Body Maker
BOGGER	7201-23	Mechanical Bogger Operator
BOILER	3205-13 7303-11 7303-11 7303-13 7431-13 7431-13	Boiler Testing Technician Boiler Attendant Stationary Engine and Boiler Operator Marine Engine and Boiler Operator Evaporator Boiler (Sugar Processing) Sugar Boiler and Pan Operator
BOILERMAKER	4205-11 4205-13 4205-91	Boilermaker Structural Boilermaker Apprentice Boilermaker
BOILERMAKER-WELDER	4205-11	Boilermaker-Welder
BOILERMAKER'S	8101-11	Boilermaker's Assistant
BOILERMAKING	4205-01	Supervisor, Structural Steel, Boilermaking and Welding
	4205-91	Tradespersons Apprentice Structural Steel, Boilermaking and Welding Tradesperson
BOILERS	3905-13	Boilers and Pressure Vessels Inspector
BOLTER	8415-11	Roof Bolter (Mining)
BOND	5503-13	Bond Clerk
BONDING	7425-99	Fabric Bonding Machine Operator
BONER	8199-35 8199-37	Meat Boner and Slicer Poultry Boner
воок	2809-13	Book Editor
BOOKBINDING	4507-11	Paper Guillotine Operator (Bookbinding)
BOOKING	6405-11	Booking Clerk
BOOKKEEPER	5301-11	Bookkeeper
BOOKKEEPING	5203-01	Supervisor, Bookkeeping Machine Operators
BOOKMAKER	1599-19	Bookmaker
BOOKMAKER'S	5999-17	Bookmaker's Clerk
BOOKMAN/WOMAN	7421-13	Cotton Ginning Bookman/woman
BOOKS	6201-23 6301-21	Sales Representative (Books and Paper Products) Sales Assistant (Stationery, Newspapers and Books)
BOOKSHOP	1501-11	Bookshop Manager

KEYWORD	CODE	TITLE	
BOOM	3903-99	Microphone Boom Operator	
BORER	4103-13	Vertical Borer	
BORING	3905-25	Boring Inspector	
BOSS	7201-01 8203-03	Shift Boss (Mining) Bush Boss	
BOSUN	8925-01	Bosun	
BOTANICAL	3103-27 3103-27	Botanical Technical Assistant Botanical Technician	
BOTANIST	2107-19	Botanist	
BOTANY	3103-25	Botany Technical Officer	
BOTTLE	6301-15 6501-11	Bottle Shop Attendant Bottle Dealer	
BOTTLING	7433-11	Bottling Machine Operator	
BOUNCER	8901-11	Bouncer	
BOY/GIRL	5605-11	Copy Boy/Girl	
BRACEMAN/WOMAN	7313-11	Braceman/woman	
BRAKE	4601-11 4601-91 7419-99	Brake Mechanic Apprentice Brake Mechanic Brake Lining Maker	
BRANCH	1507-11 5301-17	Financial Institution Branch Manager Branch Accountant (Financial Institution)	
BRAZIER	4205-19	Brazier	
BREAD	8199-41	Bread Room Hand	
BREAKDOWN	7413-11	Breakdown Sawyer	
BREAKER	4931-11 7201-29	Horse Breaker Hydraulic Rock Breaker Operator	* . *
BREAKFAST	7431-11	Breakfast Cereal Maker	
BREEDER	1401-23 1401-27	Pig Breeder Horse Breeder	
BREWERY	7431-17	Brewery Cellar Worker	
BREWHOUSE	7431-17	Brewhouse Operator	
BRICK	7419-13 8199-21	Clay, Brick and Tile Machine Operator Brick Handler	
BRICKLAYER	4403-11 4403-11 4403-91	Bricklayer Refractory Bricklayer Apprentice Bricklayer	
BRICKLAYER'S	8101-13	Bricklayer's Trades Assistant	
BRICKLAYERS	4403-01	Supervisor, Bricklayers	
BRICKLAYING	4403-11	Retort Setter (Bricklaying)	
BRIGADIER	1201-11	Army ranks above and including Brigadier	
BROADCAST	3903-17	Broadcast Transmitter Operator	
BROADCASTING	4311-11 4311-11	Broadcasting Technician Broadcasting Tradesperson	
BROKER	6103-13 6199-11	Insurance Broker Commodities Broker	
BROKERS	6103-01	Supervisor, Insurance Brokers and Agents	

KEYWORD	CODE	TITLE
BROKING	5303-01	Supervisor, Insurance and Broking Clerks
BROTHER	2607-11	Religious Brother
BRUSHMAKER	7499-99	Brushmaker
BRUSHMAKING	8199-99	Brushmaking Labourer
BUCKETWHEEL	7201-21 7309-11	Bucketwheel Excavator Operator Bucketwheel Reclaimer Operator
BUFFALO	1401-17	Buffalo Farmer
BUILDER	1601-13 1601-15 4403-11 4403-11 4607-11 4607-11 4907-13 7409-11 7409-99	Professional Builder Contract Builder Arch Builder Chimney Builder Coach Builder Vehicle Body Builder Boat Builder and Repairer Tyre Builder Rubber Roll Builder
	7429-11	Heel Builder
BUILDER'S	8499-17	Builder's Labourer
BUILDERS'	6201-25	Sales Representative (Builders' Hardware)
BUILDING	1507-11 1601-13 1601-15 3207-11 3207-11 3207-11 3207-11 3905-11 8401-11 8499-17	Building Society Manager Building and Construction Manager Building Contractor Building Construction Supervisor Building Estimator Building Foreman/woman Building Technician Building Inspector Building Insulation Installer Building Construction Labourer
BULK	7309-01 7309-11 7309-11	Supervisor, Bulk Materials Handling Plant Operators Bulk Fluids Handler Bulk Materials Handling Plant Operator
BULLDOZER	7201-11	Bulldozer Operator
BULLET	7411-13	Bullet Maker
BURSAR	2701-11	Bursar
BUS	3905-31 6405-13 7101-11	Bus Inspector Bus Conductor Bus Driver
BUSH	8203-03	Bush Boss
BUSINESS	1601-11 4315-11 5203-01 5203-11 6201-21	Import-Export Business Manager Business Equipment Mechanic Supervisor, Business Machine Operators Business Machine Operator Sales Representative (Business Services)
BUTCHER	4701-11 4701-91	Butcher Apprentice Butcher
BUTLER	6699-99	Butler
BUTTERMAKER	4799-13 4799-91	Buttermaker Apprentice Buttermaker
BUTTERMAKERS	4799-01	Supervisor, Buttermakers
BUTTONHOLE	7427-11	Buttonhole Machinist
BUYER	3913-13 3913-13	Commodities Buyer Grain Buyer

KEYWORD	CODE	TITLE	
	3913-13	Hide and Skin Buyer	
	3913-13	Livestock Buyer	
	3913-13	Wool Buyer	
	3913-15	Retail Buyer	
	6501-11	Scrap Materials Buyer	
BY-PRODUCTS	7431-19	Meat By-Products Machine Operator	

KEYWORD	CODE	TITLE
C-GRADE	4901-17	Wood Machinist (C-Grade)
CABIN	8301-11	Aircraft Cabin Cleaner
CABINETMAKER	4903-11 4903-91	Cabinetmaker Apprentice Cabinetmaker
CABINETMAKERS	4903-01	Supervisor, Cabinetmakers
CABLE	4301-13 4311-15 7299-99 8101-15 8415-11	Electrical Cable Jointer Telecommunications Cable Jointer Cable Ferry Operator Cable Jointer's Assistant Cable Hand
CADASTRAL	2205-13	Cadastral Surveyor
CADET	1319-91 2701-91 2807-91 3305-91 3307-91	Officer Cadet Cadet Accountant Cadet Journalist Cadet Deck Officer Cadet Marine Engineer
CAE	2501-11 2501-13 2501-13 2501-13	University or CAE Lecturer University or CAE Demonstrator University or CAE Teaching Fellow University or CAE Tutor
CAGE	7313-11	Mine Cage Attendant
CAKE	4703-11	Cake Decorator
CALLIGRAPHER	2805-13	Calligrapher
CAMERA	3903-13 3903-15 4213-11 4503-15 7435-11	Motion Picture Camera Operator Television Camera Operator Camera Repairer Process Camera Operator (Printing) Copy Camera Operator
CAN	7433-99	Can Filler and Closer
CANDLE	7411-99	Candle Maker
CANDLER	8199-45	Egg Candler
CANE	1401-13 1401-13 3905-15 4905-01 4905-17 4905-91 7431-13	Sugar Cane Farm Manager Sugar Cane Grower Sugar Cane Inspector Supervisor, Cane Furniture Makers Cane Furniture Maker Apprentice Cane Furniture Maker Sugar Cane Crusher Operator
CANT	7413-13	Cant Gang Sawyer
CANTEEN	1503-11 6301-15	Canteen Manager Canteen Assistant
CANVAS	4917-01 4917-13 4917-91 4917-91	Supervisor, Other Leather and Canvas Tradespersons Canvas Goods Maker Apprentice Canvas Goods Maker Apprentice, Other Leather and Canvas Trades
CANVASSER	6501-15	Canvasser
CANVASSERS	6501-01	Supervisor, Street Vendors, Canvassers and Sales Drivers
CAPTAIN	1319-15 1319-15 3301-11 3305-11 3305-11 7101-11	Captain (Defence Forces) Group Captain Aircraft Captain Merchant Ship's Captain Ship's Captain Coach Captain

KEYWORD	CODE	TITLE	
CAR	6609-15	Railway Conductor (Sleeping Car)	
	7103-11	Hire Car Driver	
	7107-11	Rail Car Driver	
	7309-11 8301-21	Car Dumper Operator Car Detailer	
	8301-21	Car Wash Attendant	
	8999-99	Car Park Attendant	
CARAVAN	1505-13	Caravan Park Manager	
CARAVANS	6301-19	Sales Assistant (Caravans and Motor Vehicles)	
CARBON	7399-33	Carbon Plant Worker	
CARCASS	8199-35	Carcass Splitter	
CARDIAC	3101-99	Cardiac Technician	
CARDING	7421-11	Yarn Carding and Spinning Machine Operator	
CARDIOLOGIST	2303-13	Cardiologist	
CARDIOTHORACIC	2303-35	Cardiothoracic Surgeon	
CARDIOVASCULAR CARE	2303-27 2905-13	Cardiovascular Specialist Early Child Care Adviser	
CARE	3401-99	Coronary Care Nurse	
	3401-99	Geriatric Care Nurse	
	3401-99	Intensive Care Nurse	
	3901-15	Residental Care Worker	
	3907-11	Child Care Centre Director	
	3907-11	Child Care Co-ordinator	
	6601-13 6601-13	Child Care Aide Child Care Assistant	
	6601-15	Child Care Attendant	
	6601-15	Day Care Worker	
	6601-19	Child Care Group Worker	
	6601-99	Child Care, Refuge and Related Workers nec	
CAREERS	2603-17	Careers Counsellor and Adviser	
CARETAKER	8913-11	Carpenter	
CARPENTER	4401-11 4401-11	Carpenter Fixing Carpenter	
	4401-11	Formwork Carpenter	
	4401-91	Apprentice Carpenter	
	4401-91	Apprentice Carpenter and Joiner	
	4907-11	Ship's Carpenter	
CARRENTERIC	4907-91	Apprentice Ship's Carpenter	
CARPENTER'S CARPENTERS	8101-13 4401-01	Carpenter's Trades Assistant Supervisor, Carpenters and Joiners	
CARPET	4919-01	Supervisor, Carpet Layers	
	4919-11	Carpet Layer	
	7425-13	Carpet Weaver	
	8301-19	Carpet Cleaner	
CARPETLAYER'S	8101-99	Carpetlayer's Assistant	
CARPORT	8401-13	Carport Erector	
CARRIER	7203-13	Straddle Carrier Operator	
CARTOGRAPHER	2205-11	Cartographer	
CARTOGRAPHIC	3207-15	Cartographic Associate	
CARTON	7415-15 7415-15	Carton Cutting and Crease Forme Setter Carton Making Machine Operator	,

KEYWORD	CODE	TITLE
CARTOONIST	2801-11	Cartoonist
CARVER	4905-11 4905-91	Wood Carver Apprentice Wood Carver
CARVERS	4905-01	Supervisor, Wood Carvers
CASE	2601-15 7315-13	Social Case Worker Case Hardener
CASH	6501-13	Cash Van Salesperson
CASHIER	6403-13	Office Cashier
CASHIERS	6403-01	Supervisor, Cashiers
CASINGS	7431-19	Casings Worker
CASTER	4101-11	Die Caster
CASTING	2811-13 2811-13 4207-01 4207-11 4207-91 4207-91 7401-13	Casting Director Casting Officer Supervisor, Metal Casting Tradespersons Metal Casting Patternmaker Apprentice Metal Casting Patternmaker Apprentice Metal Casting Tradesperson Casting Machine and Ladle Operator
CATALOGUER	2911-11	Cataloguer
CATERER	1503-11	Caterer
CATERING	1503-11	Restaurant and Catering Managing Supervisor
CATTLE	1401-17 1401-17 1401-17 1401-17 1401-17 1401-19	Beef Cattle Farm Manager Beef Cattle Farmer Beef Cattle Station Manager Beef Cattle Stud Farmer Cattle Grazier Dairy Cattle Stud Farmer
CELEBRANT	2607-11 6699-99	Aboriginal Ceremonial Celebrant Marriage Celebrant
CELL	2107-99 7399-31	Cell Biologist Electrolytic Cell Operator
CELLAR	7431-17	Brewery Cellar Worker
CELLARHAND	7431-17	Winery Cellarhand
CELLULAR	7407-11 7407-17 8199-25	Cellular Plastics Machine Setter Cellular Plastics Machine Operator Cellular Plastics Cutter
CEMENT	4407-11 4407-11 7399-27 7419-01 8199-19	Cement Plasterer Cement Renderer Cement Production Plant Operator Supervisor, Fibre Cement Machine Operators Cement and Concrete Plant Labourer
CEMENTER	7307-13 7429-11	Oil Well Cementer Shoemaking Cementer
CENTRE	1599-13 1599-13 3901-11 3907-11 7413-21 7413-21	Sports Centre Administrator Sports Centre Manager Neighbourhood Centre Coordinator Child Care Centre Director Plywood Centre Feeder Plywood Centre Layer
CENTRIFUGE	7431-13	Centrifuge Operator (Sugar Processing)
CERAMIC	4413-11	Ceramic Tiler

KEYWORD	CODE	TITLE 1997	
CERAMICS	2217-15 2217-17	Ceramics Engineer Ceramics Scientist	
CEREAL	7431-11 7431-11	Breakfast Cereal Maker Grain and Cereal Processing Machine Operator	
CEREALS	3103-29	Cereals Technical Officer	
CEREMONIAL	2607-11	Aboriginal Ceremonial Celebrant	
CHAINMAN/WOMAN	8411-11	Surveyor's Chainman/woman	
CHAINSAW	4999-99	Chainsaw Mechanic	
CHAIRMAKER	4903-11	Chairmaker	
CHAPLAIN	2607-11	Chaplain	
CHARGE	3401-01 3401-01	Charge Nurse Charge Sister	
CHARITY	5901-99	Charity Collection Clerk	
CHASER	8203-15 8499-13	Log Chaser Crane Chaser	
CHAUFFEUR/CHAUFFEUSE	7103-11	Chauffeur/Chauffeuse	
CHECKOUT	6403-01 6403-11	Checkout Supervisor Checkout Operator	
CHEESE	8199-43	Cheese Factory Worker	
CHEESEMAKER	4799-15 4799-91	Cheesemaker Apprentice Cheesemaker	
CHEESEMAKERS	4799-01	Supervisor, Cheesemakers	
CHEF	4705-01 4705-11	Executive Chef Chef	
CHEMICAL	2207-11 2207-11 3103-11 3103-11 3103-11 6201-11 7305-01 7305-01 7305-11 7305-91 7411-01 8199-23	Chemical Engineer Principal Chemical Engineer Chemical Instrumentation Technical Officer Chemical Process Analyst Chemical Research Technical Officer Sales Representative (Chemical Products) Supervisor, Chemical Pilot Plant Operators Supervisor, Chemical Plant Operators Chemical Plant Operator Trainee Chemical Plant Operator Supervisor, Chemical Production Machine Operators Chemical Plant Labourer	
CHEMICALS	7305-11 7305-11	Distiller (Chemicals) Fermentation Operator (Chemicals)	
CHEMIST	2101-11 2101-11 2107-15 2107-15 2109-11 6301-23	Chemist Chief Chemist Enzyme Chemist Protein Chemist Clinical Chemist Chemist Shop Assistant	
CHEMISTRY	3103-11 3103-13	Chemistry Technical Officer Chemistry Technician	
CHERRY	7311-11	Cherry Picker Operator	
CHICKEN	1401-25	Chicken Meat Producer	
CHIEF	1201-11 1301-11 2101-11 2103-11	Chief Executive Chief Accountant Chief Chemist Chief Geologist	

KEYWORD	CODE	TITLE
	2105-11 2201-11 2209-11 2211-11 2211-13 2213-11 2215-11 3911-01 6609-01	Chief Physicist Chief Architect Chief Civil Engineer Chief Electrical Engineer Chief Electronics Engineer Chief Mechanical Engineer Chief Mining Engineer Chief Prison Officer Chief Marine Steward
CHILD	2905-13 3401-13 3907-11 3907-11 6601-13 6601-15 6601-15 6601-19 6601-99	Early Child Care Adviser Maternal and Child Health Nurse Child Care Centre Director Child Care Co-ordinator Child Care Aide Child Care Assistant Child Care Attendant Child Minder Child Care Group Worker Child Care, Refuge and Related Workers nec
CHILDHOOD	2401-11	Early Childhood Teacher
CHILDREN'S	6601-15	Children's Nursery Assistant
CHILLER	8907-11	Chiller Hand
CHIMNEY	4403-11 8301-99	Chimney Builder Chimney Sweep
CHINESE	2399-99	Chinese Medicine Specialist
CHIPPING	7399-17	Wood Chipping and Particleboard Plant Operator
CHIROPODIST	2319-11	Chiropodist
CHIROPRACTOR	2317-11	Chiropractor
CHOKERMAN/WOMAN	8203-15	Chokerman/woman
CHORAL	2815-11	Choral Director
CHOREOGRAPHER	2813-11	Choreographer
CHORISTER	2815-99	Chorister
CHORUS	2815-99	Chorus Singer
CIGARETTE	7499-13	Cigarette Making Machine Operator
CINEMATOGRAPHER	2811-17	Cinematographer
CIRCUIT	3201-17	Printed Circuit Board Designer
CIRCULATION	5503-11	Circulation Representative
CIRCUS	2817-13	Circus Artist
CIVIL	2209-11 2209-11 3203-11 3203-11 3203-11 3203-11 3203-13 3203-13	Chief Civil Engineer Civil Engineer Civil Engineering Associate Civil Engineering Design Draftsperson Civil Engineering Drafting Officer Civil Engineering Technical Officer Civil Engineering Detail Draftsperson Civil Engineering Drafting Assistant Civil Engineering Technician
CLADDING	8401-13	Exterior Cladding Installer
CLAIMS	3905-29 5301-13	Claims Assessor (except Health) Claims Clerk
CLASS	4103-13	Metal Machinist (First Class)

KEYWORD	CODE	TITLE	
	4103-19	Metal Machinist (Second Class)	
	4103-21	Metal Machinist (Third Class)	
	4203-11	Sheetmetal Worker (First Class)	
	4203-17 4205-17	Sheetmetal Worker (Second Class) Welder (First Class)	
	4205-17	Welder (Special Class)	
	4205-19	Welder (Second Class)	
l egg	4205-21	Welder (Third Class)	
	4209-13	Electroplater (First Class)	
	4209-15	Electroplater (Second Class)	
	4209-17	Electroplater (Third Class)	
	4309-13	Electrician (Special Class)	
CLASSER	3999-35	Wool Classer	
02-100211	3999-37	Hide and Skin Classer	
	8109-11	Fruit and Vegetable Classer	
CLASSIFIED	5999-15	Classified Advertising Clerk	
CLASSIFIER	5999-99	Stamp Classifier	
	0000 00		
CLAY	7315-15	Clay Products Kiln Operator	
	7399-99	Clay Crusher Operator	_
	7419-01	Supervisor, Clay and Stone Processing Machine	Operators
	7419-13	Clay Products Machine Operator Clay, Brick and Tile Machine Operator	
	7419-13 8199-21	Clay Processing Factory Hand	
	8199-21	Clay Processing Labourer	
CLEANED	4400 15		
CLEANER	4409-15	Drain Cleaner	110 m
	8199-31 8201-99	Glass Mould Cleaner Seed Cleaner and Pickler	
	8301-11	Aircraft Cabin Cleaner	
	8301-11	Factory Cleaner	
	8301-11	Industrial Cleaner	
	8301-13	Commercial Cleaner	
	8301-13	Office Cleaner	
	8301-13	School Cleaner	
	8301-15	Hospital Cleaner	
	8301-17	Window Cleaner	
	8301-19	Carpet Cleaner	~ . ~
	8301-21 8301-99	Motor Vehicle Cleaner Domestic Cleaner	* .
CLEANERS	8301-01	Supervisor, Cleaners	
CLEANING	1501-11 7499-15	Dry Cleaning Establishment Manager	
CLEARANCE	4999-21	Dry Cleaning Machine Operator Clearance Diver	
CLERGYMAN/WOMAN	2607-11	Clergyman/woman	
CLERK	2605-91	Articled Clerk	
	2999-99	Clerk of High Court	
	3207-11 5301-13	Clerk of Works Accounts Clerk	
	5301-13	Audit Clerk	
	5301-13	Claims Clerk	
	5301-13	Investment Accounting Clerk	
	5301-13	Invoice Clerk	
	5301-13	Warranty Clerk	
	5301-15	Pay Clerk	
	5301-15	Payroll Clerk	
	5301-19	Loans Clerk	
	5301-21	Cost Clerk	
	5303-11	Insurance Clerk	
	5303-11 5303-13	Superannuation Fund Clerk	
	5303-13	Scrip Clerk (Stockbroking)	

	5303-13	Stockbroking Clerk
	5305-11	Statistical Clerk
	5305-13	Actuarial Clerk
	5401-13	Filing Clerk
	5401-13	Registry Clerk
	5499-11	Photocopying and Duplicating Clerk
	5501-11	Production Scheduling Clerk
	5501-11	Schedule Clerk
	5501-13	Production Tally Clerk
	5503-11	Container Loading Clerk
	5503-11	Distribution Clerk
	5503-11	Freight Clerk
	5503-11	Receiving and Despatching Clerk
	5503-11	Shipping Clerk
	5503-11	Transport Clerk
	5503-13	Bond Clerk
	5503-13	Customs Clerk
	5503-13	Import-Export Clerk
	5503-13	Wharf Tally Clerk
	5503-99	Delivery Clerk
	5505-11 FE0F-11	Inventory Clerk Stock Clerk
	5505-11 EE0E-11	Stores Clerk
	5505-11 5505-11	Supply Clerk
	5505-13	Procurement Clerk
	5505-13	Purchasing Clerk
	5505-15	Mail Order Clerk
	5505-15	Order Clerk
	5601-11	Appointments Clerk
	5601-13	Complaints Clerk
	5601-13	Information Desk Clerk
	5601-13	Inquiry Clerk
	5601-15	Admissions Clerk
	5601-15	Hospital Admitting Clerk
	5601-15	Hospital Ward Clerk
	5901-99	Charity Collection Clerk
	5905-11	Personnel Records Clerk
	5905-11	Roster Clerk
	5905-13	Employment Office Clerk
	5907-11	Clerk of Court
	5907-11	Magistrate's Clerk
	5907-13	Conveyancing Clerk
	5907-13	Law Clerk
	5907-13	Legal Clerk
	5909-11	Postal Clerk
	5999-11	Meter Records Clerk
	5999-15 5000-17	Classified Advertising Clerk Bookmaker's Clerk
	5999-17 6405-11	Booking Clerk
	6405-11	Reservations Clerk
	6405-11	TAB Clerk
	6599-17	Rental Clerk
	6599-19	Service Counter Clerk
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CLERKS	5301-01	Supervisor, Accounting Clerks
	5301-01	Supervisor, Payroll Clerks
	5303-01	Supervisor, Insurance and Broking Clerks
	5305-01	Supervisor, Statistical and Actuarial Clerks
	5401-01	Supervisor, Library and Filing Clerks
	5499-11	Other Filing, Sorting and Copying Clerks
* ~	5501-01 5503-01	Supervisor, Production Recording Clerks
	5503-01 5505-01	Supervisor, Transport Recording and Despatching Clerks
	5505-01	Supervisor, Stock and Purchasing Clerks
CLICKER	4915-11	Clicker
	4915-91	Apprentice Clicker

KEYWORD	CODE	TITLE
CLINICAL	2107-99 2109-11 2109-11 2109-13 2303-37 2303-37 2303-99	Pharmacologist (except Clinical) Clinical Chemist Clinical Laboratory Scientist Clinical Physical Scientist Clinical Biochemist Clinical Microbiologist Clinical Allergist
	2303-99 2303-99 2505-25 2903-11 3101-13 3101-13	Clinical Endocrinologist Clinical Pharmacologist Clinical Nurse Teacher Clinical Psychologist Clinical Biochemistry Technician Clinical Microbiology Technician
CLIPPER	7413-19	Veneer Clipper
CLOCK	4213-13 4213-91	Watch and Clock Maker and Repairer Apprentice Watch and Clock Repairer
CLOSER	7433-99	Can Filler and Closer
CLOTH	8199-99	Cloth Cutter
CLOTHES	3501-13	Plain Clothes Police Officer
CLOTHING	6201-37 6301-13 8917-11	Sales Representative (Textiles, Clothing and Footwear) Sales Assistant (Fabrics, Clothing and Footwear) Clothing Presser
CLOWN	2817-13	Clown
CLUB	1599-99	Licensed Club Manager
CO-ORDINATOR	3907-11 4911-01	Child Care Co-ordinator Wardrobe Co-ordinator
COACH	3915-11 4607-11 7101-11	Coach (Sport) Coach Builder Coach Captain
COAL	7317-11 7399-11 8109-15	Coal Seam Drill Operator Coal Preparation Plant Operator Coal Sample Tester
COFFIN	4903-11	Coffin Maker
COIL	4303-11 8103-13	Heavy Coil Winder Light Coil Winder
COLLECTION	5901-11 5901-99	Collection Agent Charity Collection Clerk
COLLECTOR	5901-11 8299-99 8901-15 8905-11 8999-99	Debt Collector Coral Collector Ticket Collector Garbage Collector Parking Meter Collector Public Telephone Money Collector
COLLECTORS	8905-01	Supervisor, Garbage Collectors
COLONEL	1319-15	Colonel
COLOURIST	3999-25	Colourist
COLUMNIST	2807-99	Columnist
COMBER	7421-11	Yarn Comber
COMBUSTION	2207-11	Combustion Engineer
COMEDIAN	2817-13	Comedian
COMMENTATOR	2819-11	Commentator

KEYWORD	CODE	TITLE
COMMERCIAL	1401-99 2805-13 3301-11 6507-11 8301-13	Commercial Flower Grower Commercial Artist Commercial Pilot Travel Agent (Commercial) Commercial Cleaner
COMMISSIONED	1319-11 1319-13 1319-15	Commissioned Police Officer Commissioned Fire Officer Commissioned Defence Force Officer (Management)
COMMISSIONER	1101-99 1103-19 1201-11 1201-11	High Commissioner Conciliation and Arbitration Commissioner Fire Commissioner Police Commissioner
COMMODITIES	3913-13 6199-11	Commodities Buyer Commodities Broker
COMMODORE	1201-11 1201-11	Air Force ranks above and including Air Commodore Naval ranks above and including Commodore
COMMUNICATIONS	2211-13 2707-13 2707-17 3201-15 3201-15 3201-17 3201-17 4311-01 4311-91 6201-17	Communications Engineer Communications Programmer Communications Analyst Communications and Data Systems Drafting Officer Communications Engineering Technical Officer Communications Electronic Systems Technician (Air Force) Communications Engineering Technician Supervisor, Communications Equipment Tradespersons Trainee Communications Equipment Tradesperson Sales Representative (Communications Equipment)
COMMUNITY	2307-15 2601-13 3401-13 3901-11 3901-11	Community Pharmacist Community Social Worker Registered Community Health Nurse Community Development Officer Community Worker
COMPACTOR	7207-13	Compactor Operator
COMPANION	6607-11	Home Companion
COMPANY	1301-11 3999-33	Company Secretary Company Sergeant Major
COMPERE	2819-11	Compere
COMPLAINTS	5601-13	Complaints Clerk
COMPLEX	4399-99	Electronic Instrument Tradesperson (Complex Systems)
COMPOSER	2815-19	Composer
COMPOSITOR	4501-11 4501-91	Compositor Apprentice Compositor
COMPOSITORS	4501-01	Supervisor, Compositors
COMPRESSION	7407-15 7433-99	Compression Moulding Machine Operator Baling and Compression Machine Operator
COMPRESSOR	7307-11 7411-11	Gas Compressor Turbine Operator Toiletries Moulder and Compressor
COMPTOMETRIST	5203-11	Comptometrist
COMPUTER	2211-13 2707-17 2707-17 2707-19 2707-19 2707-23 2707-25	Computer Engineer Computer Analyst Computer Systems Analyst Computer Systems Designer (Software) Computer Systems Engineer (Software) Computer Scientist Computer Auditor

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	4315-01	Supervisor, Office Equipment and Computer Servicers
	4315+13 4315+13	Computer Servicer Computer Technician
	4315-91	Apprentice Office Equipment and Computer Servicer
	4315-91	Trainee Office Equipment and Computer Servicer
	5201-11	Computer Console Operator
	5201-11 5201-13	Computer Operator Remote Computer Terminal Operator
	5401-11	Computer Tape Librarian
	7307-15	Torque-turn Computer Operator
CONCERT	2815-13	Concert and Opera Singer
CONCIERGE	8903-01	Hotel Concierge
CONCILIATION	1103-19	Conciliation and Arbitration Commissioner
CONCRETE	7105-13	Concrete Mixer Driver
	7399-23 7399-35	Concrete Pump Operator Concrete Batching Plant Operator
	7399-35	Premix Concrete Batcher
	7419-01	Supervisor, Concrete Products Machine Operators
	7419-11	Concrete Pipe Machine Operator
	7419-11	Concrete Pre-cast Moulder
	7419-11	Concrete Products Machine Operator
	8199-19 8403-11	Cement and Concrete Plant Labourer Concrete Extra Hand
	8403-11	Concrete Finisher
	8403-11	Concrete Formwork Stripper
	8403-11	Concrete Slab Layer
	8403-11	Concrete Worker
CONCRETER	8403-11	Concreter
CONDUCTOR	2815-11	Orchestra Conductor Bus Conductor
	6405-13 6405-13	Train Conductor
	6405-13	Tram Conductor
	6405-13	Transport Conductor
	6609-15	Railway Conductor (Sleeping Car)
CONFECTION	7431-25	Ice Confection Maker
CONFECTIONER	4799-17 4799-91	Confectioner Apprentice Confectioner
CONFECTIONERS	4799-01	Supervisor, Confectioners
CONSERVATIONIST	2199-13	Soil Conservationist
CONSERVATOR	2999-11	Conservator
CONSERVE	7431-27	Fruit Conserve and Sauce Maker
CONSOLE	5201-11 6403-11	Computer Console Operator Service Station Console Operator
CONSTRUCTION	1601-13	Building and Construction Manager
	2209-11	Construction Engineer
	3207-11	Building Construction Supervisor
	4907-01 4907-91	Supervisor, Marine Construction Tradespersons Apprentice Marine Construction Tradesperson
	8101-13	Construction Trades Assistant
	8405-13	Rigger (Construction)
	8499-17	Building Construction Labourer
CONSUL-GENERAL	1101-99	Consul-General
CONSULTANT	2107-27	Agricultural Consultant
	2107-27 2799-99	Farm Consultant Management Consultant
	6507-11	Travel Consultant

KEYWORD	CODE	TITLE
CONTAINER	5503-11 7499-99	Container Loading Clerk Pressurised Container Filler
CONTINUITY	2807-15 3903-99	Continuity Writer Continuity Person
CONTINUOUS	7201-23 8199-11	Continuous Mining Machine Operator Continuous Plant Galvaniser
CONTRACT	1601-15	Contract Builder
CONTRACTOR	1601-15 4309-11 4929-01	Building Contractor Electrical Contractor Shearing Contractor
CONTROL	1305-11 2211-13 2217-13 3201-15 3201-15 3201-17 3905-25 3905-99 4399-99 8109-13	Quality Control Manager Process Control Engineer Quality Control Metallurgist Control Systems Drafting Officer Process Control Technical Officer Process Control Technician Stream Control Officer Pest Control Inspector Electronic Instrument and Control Tradesperson Quality Control Inspector
CONTROLLER	3303-11 3303-91 5201-01 5503-11 5503-11 7499-19 8999-13	Air Traffic Controller Trainee Air Traffic Controller Electronic Mail Controller Aircraft Load Controller Freight Traffic Controller Fire Controller (Navy) Pest and Weed Controller
CONTROLS	3201-15 3205-13	Digital Controls Technical Officer Hydraulic Controls Technician
CONVEYANCING	5907-13	Conveyancing Clerk
CONVEYOR	7309-11	Conveyor Belt Operator
COOK	4705-13 4705-91 4705-99 4705-99 7431-27	Qualified Cook Apprentice Cook Domestic Cook Shearers' Cook Food Factory Cook
COOKER	7431-27	Fish Cooker
COOKS	4705-01	Supervisor, Cooks
COOPER	4905-15 4905-91	Cooper Apprentice Cooper
COOPERS	4905-01	Supervisor, Coopers
COORDINATOR	3901-11	Neighbourhood Centre Coordinator
COPPERSMITH	4203-13 4203-91	Coppersmith Apprentice Coppersmith
COPY	4901-11 5605-11 7435-11	Copy Lathe Operator Copy Boy/Girl Copy Camera Operator
COPY-WRITER	2807-15	Copy-writer
COPYING	5499-11	Other Filing, Sorting and Copying Clerks
COPYIST	2815-99	Music Copyist
CORAL	8299-99	Coral Collector
CORD	7425-19	Rope and Cord Making Machine Operator

KEYWORD	CODE	TITLE
COREMAKER	4207-13	Coremaker
·	4207-13 4207-91	Moulder and Coremaker Apprentice Moulder and Coremaker
CORONARY	3401-99	Coronary Care Nurse
CORONER	1103-11	Coroner
CORPORATE	2605-99 3905-27 6101-99	Corporate Legal Officer Corporate Safety Officer Corporate Finance Officer
CORRESPONDENT	2807-13	News Correspondent
COSMOLOGIST	2105-11	Cosmologist
COST	5301-21	Cost Clerk
COSTUME	2805-11	Costume Designer
COTTAGE	6601-17	Cottage Parent
COTTON	1401-99	Cotton Grower
	7209-11	Cotton Picking Machine Operator
	7421-01 7421-13	Supervisor, Cotton Ginning Machine Operators Cotton Ginner
	7421-13	Cotton Ginning Bookman/woman
COUCHMAKER	4903-11	Couchmaker
COUNSEL	2605-11 2605-99	Queen's Counsel Parliamentary Counsel
COUNSELLOR	2603-11 2603-11 2603-13 2603-13	Drug and Alcohol Counsellor Rehabilitation Counsellor Family Counsellor Marriage Counsellor
	2603-13	Relationship Counsellor
	2603-15 2603-17	Family Court Counsellor Careers Counsellor and Adviser
	2603-17	Vocational Counsellor
	2603-99	Educational Counsellor
	2603-99 2603-99	Housing Counsellor Student Counsellor
COUNTER	6599-19	Service Counter Clerk
COURIER	7105-11	Courier Driver
COURSE	4803-01	Golf Course Superintendent
COURT	1103-13	Justice of the High Court
	2603-15	Family Court Counsellor
	2999-99 2999-99	Clerk of High Court Court Registrar
	2999-99	Master of the Court
	5101-15	Court and Hansard Reporter
	5907-11 5907-15	Clerk of Court Court Attendant
	5907-15	Court Orderly
	5907-15	Court Usher
COVERER	4919-11 4919-91	Floor Coverer Apprentice Floor Coverer
COVERERS	4919-01	Supervisor, Floor Coverers
COVERINGS	6201-27 6301-17	Sales Representative (Floor Coverings and Furniture) Sales Assistant (Furniture, Floor Coverings and Household Goods)
COXSWAIN	3999-33 8925-11	Warrant Officer Coxswain Coxswain

KEYWORD	CODE	TITLE
CRAFTWORKER	4925-91	Apprentice Craftworker
CRAFTWORKERS	4925-01	Supervisor, Craftworkers
CRANE	7311-01 7311-11 8499-13	Supervisor, Crane Operators Crane Operator Crane Chaser
CRANES	3905-13	Lifts and Cranes Inspector
CREAM	8109-11	Milk and Cream Grader
CREASE	7415-15	Carton Cutting and Crease Forme Setter
CRECHE	6601-15	Creche Attendant
CREDIT	1507-11 3999-29 5301-19	Credit Union Manager Credit and Loans Analyst Credit Officer
CREMATORIUM	7315-17 8999-21	Crematorium Plant Operator Crematorium Assistant
CREW	8415-11	Pit Crew Worker
CREWMAN	7499-19	Armoured Fighting Vehicle Crewman
CREWMAN/WOMAN	3303-25	Aircraft Crewman/woman (Military and Rescue)
CRIMINOLOGIST	2907-99	Criminologist
CRITIC	2807-99	Critic
CROP	3103-31 8201-11	Field Crop Technician Livestock and Field Crop Farm Hand
CROSSING	8999-99 8999-99	Railway Crossing Attendant School Crossing Attendant
CROUPIER	6699-99	Croupier
CRUSHER	7399-11 7399-99 7431-13	Ore and Stone Crusher Operator Clay Crusher Operator Sugar Cane Crusher Operator
CRYPTOGRAPHIC	5201-99	Cryptographic Machine Operator
CRYSTALLOGRAPHER	2105-11	Crystallographer
CUPELMAN/WOMAN	7315-11	Cupelman/woman
CUPOLA	7399-25	Insulation Cupola Operator
CURATOR	4803-01	Sporting Facility Curator
CURRENT	3299-11	Eddy Current Testing Technician
CURRICULUM	2905-11 2905-11	Curriculum Advisory Teacher Curriculum Development Officer
CURTAIN	8401-13	Curtain Fitter
CUSTARD	7431-21	Custard Maker
CUSTOM	4903-11	Custom Furniture Maker
CUSTOMER	5601-13	Customer Service Officer
CUSTOMS	3905-19 3905-19 5503-13 5503-13	Customs Examining Officer Customs Investigator Customs Agent Customs Clerk
CUTTER	4103-19 4901-11 4911-15 4911-17 4921-11	Gear Cutter Program Router Cutter Apparel Cutter Fur Cutter Glass Cutter

KEYWORD	CODE	TITLE	* 3
	4923-13	Diamond Cutter	
	4923-13	Gem Cutter and Polisher	
	4923-91	Apprentice Diamond Cutter	
	7405-11	Key Cutter	
	7413-17	Timber Stock Cutter	
	7435-11	Negative Producer and Cutter	
	7435-13	Film Cutter	
	7435-13	Photographic Paper Cutter	
	8199-25	Cellular Plastics Cutter	
	8199-99	Cloth Cutter	
	8203-15	Sleeper Cutter	
CUTTING	7415-15	Carton Cutting and Crease Forme Setter	
CYLINDER	4503-13	Cylinder Preparer (Printing)	
	4503-13	Cylinder Reviser	
CYTOLOGIST	2109-11	Cytologist	
CYTOPATHOLOGY	3101-13	Cytopathology Technician	

KEYWORD	CODE	TITLE
D'HOTEL	6505-01	Maitre d'Hotel
DAIRY	1401-19	Dairy Cattle Stud Farmer
	1401-19 1401-19	Dairy Farm Manager Dairy Farmer
	3103-31	Dairy Technician
	3905-15	Dairy Produce Inspector
	7431-15 8199-43	Soft Drink and Syrup Making Machine Operator (except Dairy) Dairy Factory Hand
DAM	8415-15	Tailings Dam Labourer
DANCE	2505-15	Dance Teacher (Private)
DANCER	2813-13	Ballet Dancer
	2813-13	Dancer
	2813-13	Tap Dancer
DATA	1311-11	Data Processing Manager
	1311-11	Operations Manager (Data Processing)
	1311-11 2799-11	Systems Manager (Data Processing) Health Data Administrator
	3201-15	Communications and Data Systems Drafting Officer
	5201-01	Supervisor, Data Processing Machine Operators
	5201-13	Data Entry Operator
	5201-13	Data Processing Operator
	5201-15	Data Transceiver Operator
DATABASE	2707-13	Database Programmer
	2707-17 2707-21	Database Analyst Database Administrator
DAY	6601-15	Day Care Worker
DEACON/DEACONESS	2607-11	Deacon/Deaconess
DEALER	6101-11	Investment Dealer
	6101-11	Securities Dealer
	6101-11	Stock Exchange Dealer
	6101-99	Foreign Exchange Dealer
	6101-99 6101-99	Futures Dealer Money Market Dealer
	6501-11	Bottle Dealer
DEAN	1317-99	Dean
DEBARKER	7413-99	Debarker Operator
DEBT	5901-11	Debt Collector
DECK	3305-91	Cadet Deck Officer
DECKHAND	8925-11	Deckhand
DECORATOR	3999-21	Interior Decorator
	4405-11	Painter and Decorator
	4405-91 4703-11	Apprentice Painter, Decorator and Signwriter Cake Decorator
DECORATOR'S	8101-13	Painter and Decorator's Assistant
DECORATORS	4405-01	Supervisor, Painters, Decorators and Signwriters
DEFEATHERER	7431-19	Defeatherer and Eviscerator Operator
DEFENCE	1319-15	Captain (Defence Forces)
DEFENCE	1319-15	Commissioned Defence Force Officer (Management)
	1319-91	Trainee Officer (Defence Forces)
	1503-11	Mess Supervisor (Defence Forces)
	3303-99	Air Defence Officer
	3999-99	Signaller (Defence Forces)
	7499-19	Airfield Defence Guard
DEGRADATION	2199-11	Land Degradation Analyst

KEYWORD	CODE	TITLE COM NAME OF THE PARTY OF
DEHYDRATOR	7431-99	Fruit and Vegetable Dehydrator
DELICATESSEN	1501-11	Delicatessen Manager
DELIVERY	5503-99 5605-01 7105-11	Delivery Clerk Supervisor, Messengers and Delivery Officers Delivery Driver
DEMOGRAPHER	2909-13	Demographer
DEMOLITION	4999-29 8499-17	Explosive Ordnance Demolition Technician Demolition Worker
DEMONSTRATOR	2501-13 6599-15	University or CAE Demonstrator Sales Demonstrator
DENTAL	2305-13 3101-15 3101-15 4999-11 4999-11 4999-91 6201-15 6605-11	Dental Specialist Dental Hygienist Dental Therapist Dental Mechanic Dental Prosthetist Dental Technician Apprentice Dental Mechanic Sales Representative (Medical, Dental and Veterinary Equipment) Dental Assistant Dental Nurse
DENTIST	2305-11	Dentist
DEPALLETISER	7433-99	Depalletiser Operator
DEPARTMENT	1201-11 2503-01 6301-01	Head of Government Department Head of Department (TAFE) Sales Department Manager
DEPOSITOR	4503-13	Depositor and Grinder
DEPUTY	3299-99	Mine Deputy
DERMATOLOGIST	2303-29	Dermatologist
DERRICK	8415-13	Derrick Worker
DESIGN	2219-99	Product Design Engineer
	3103-23 3201-11	Fabric Design Technical Officer Electrical Engineering Design Draftsperson
	3201-11	Substation Design Draftsperson
	3201-15	Electronics Engineering Design Draftsperson
	3203-11	Civil Engineering Design Draftsperson
	3203-11	Road Design Draftsperson
	3203-11 3205-11	Structural Design Draftsperson Mechanical Engineering Design Draftsperson
	3205-11	Tool Design Draftsperson
	3205-13	Tool Design Detail Draftsperson
	3299-99	Lighting Design Drafting Officer
	3299-99	Shipbuilding Design Drafting Officer
DESIGNER	2707-19	Computer Systems Designer (Software)
	2805-11	Costume Designer
	2805-11	Fashion Designer
	2805-13	Exhibition Designer
	2805-13 2805-13	Graphic Designer
¥	2805-13 2805-13	Package Designer Publication Designer
	2805-13	Set Designer
	2805-15	Furniture Designer
	2805-15	Industrial Designer
	2805-15	Product Designer
	2805-15	Textile Designer
	2805-17	Interior Designer
	3201-17	Printed Circuit Board Designer

KEYWORD	CODE	TITLE	
	3205-11 3999-27 3999-27	Tool Designer Forms Analyst and Designer Forms Designer	
DESK	5601-13	Information Desk Clerk	
DESPATCH	5605-11 8907-11	Despatch Rider (Army) Stores Despatch Hand	
DESPATCHER	5503-11 5503-15	Truck Despatcher Radio Despatcher	
DESPATCHING	5503-01 5503-11	Supervisor, Transport Recording and Despatching Clerk Receiving and Despatching Clerk	s
DETAIL	3201-13 3201-17 3201-17 3203-13 3205-13 3205-13 3299-99 3299-99	Electrical Engineering Detail Draftsperson Electronics Detail Drafting Assistant Electronics Detail Draftsperson Civil Engineering Detail Draftsperson Mechanical Detail Draftsperson Tool Design Detail Draftsperson Aircraft Detail Draftsperson Mining Detail Draftsperson	
DETAILER	8301-21	Car Detailer	
DETECTIVE	3501-13 3999-99	Detective Private Detective	
DEVELOPER	7435-11 7435-11	Photographic Developer and Printer Slide Developer	
DEVELOPERS	7435-01	Supervisor, Photographic Developers and Printers	
DEVELOPMENT	1399-13 2705-15 2905-11 3901-11 7201-23	Research and Development Manager Staff Development Officer Curriculum Development Officer Community Development Officer Development Machine Miner	
DIAGNOSTIC	2303-23 2321-11	Diagnostic Radiologist Medical Diagnostic Radiographer	
DIALYSIS	3101-99	Dialysis Technician	
DIAMOND	4923-13 4923-91 7317-11	Diamond Cutter Apprentice Diamond Cutter Diamond Driller	
DICTATYPIST	5103-13	Dictatypist	
DIE	4101-11 4101-11 4101-11 4103-17	Die Caster Die Sinker Tool and Die Maker Die Setter	
DIESEL	4103-11 4103-11 4103-91 4601-11 4601-91	Diesel Fitter-Mechanic Mechanic (Diesel and Heavy Earthmoving Equipment) Apprentice Mechanic (Diesel and Heavy Earthmoving Equipment) Diesel Motor Mechanic Apprentice Diesel Motor Mechanic	
DIETARY	8921-13	Dietary Aide	
DIETITIAN	2399-13	Dietitian	
DIGGER	8407-11	Grave Digger	
DIGITAL	3201-15	Digital Controls Technical Officer	
DINING	6505-01 6505-15	Dining Room Host/Hostess Dining Room Attendant	
DIPLOMATIC	1101-99	Head of Diplomatic Mission	

KEYWORD	CODE	TITLE: 1970	
DIPPER	8199-11	Metal Dipper	
DIRECTIONAL	7317-01	Directional Driller	
DIRECTOR	1201-11	Managing Director	
	1301-11	Finance Director	
	1315-11	Director of Nursing	
	2401-11 2401-11	Kindergarten Director Pre-School Director	
	2811-11	Art Director (Television, Film or Stage)	
	2811-13	Casting Director	
	2811-15	Director (Film or Stage)	
	2811-17	Director of Photography	
	2811-23 2811-25	Director (Radio or Television) Technical Director	
	2815-11	Choral Director	
	2815-11	Music Director	
	3907-11 6699-11	Child Care Centre Director Funeral Director	
DISABLED	2407-13 2407-13	Teacher of the Intellectually Disabled Teacher of Disabled or Gifted Students	
DISC	2819-11	Disc Jockey	
DISCIPLINARY	3999-33 3999-33	Disciplinary Warrant Officer Military Disciplinary Supervisor	
DISEASES	2303-41	Infectious Diseases Specialist	
DISHWASHER	8919-11	Dishwasher	
DISPENSER	4999-13	Optical Dispenser	
DISPLAY	2805-13 5201-13	Display Artist Visual Display Unit Operator	
DISTILLER	7305-11 7399-99	Distiller (Chemicals) Distiller (Beverages)	
DISTRIBUTION	1307-11 2209-11 5503-11	Supply and Distribution Manager Water Supply Distribution Engineer Distribution Clerk	30.0
DIVER	4999-21	Clearance Diver	
DIVER	4999-21	Offshore Diver	
	4999-21	Saturation Diver	
-	4999-23	Abalone Diver	
	4999-23 4999-23	Onshore Diver Pearl Diver	
	4999-23	Police Diver	
	4999-23	Shallow Water Diver	
DOCKER	7413-15	Sawmill Docker	
DOCKERMAN/WOMAN	7413-15	Dockerman/woman	
DOCKHAND	8909-11	Dockhand	
DOCTOR	4213-17 4805-15	Saw Doctor Tree Doctor	
DOG	4931-99	Dog Trainer	
DOGMAN/WOMAN	8499-13	Dogman/woman	
DOMESTIC	4705-99 6201-31	Domestic Cook Sales Representative (Household Goods and Dom Hardware)	estic
	8301-99 8915-13	Domestic Cleaner Domestic Housekeeper	
DOMICILIARY	3401-13	Domiciliary Nurse	

KEYWORD	CODE	TITLE
DOOR	8401-13 8901-11	Security Door Installer Door Attendant
DOOR-TO-DOOR	6501-15	Door-to-Door Salesperson
DOORMAN/WOMAN	8901-11	Doorman/woman
DOUBLE-END	4901-11	Double-End Tenoner Operator
DOUGHMAKER	4703-13	Doughmaker
DRAFTING	3201-11 3201-13 3201-15 3201-15 3201-15 3201-17 3203-11 3203-11 3203-11 3203-11 3205-11 3205-11 3205-13 3207-15 3207-15 3207-15 3299-99 3299-99	Electrical Engineering Drafting Officer Relays Drafting Officer Electrical Engineering Drafting Assistant Communications and Data Systems Drafting Officer Control Systems Drafting Officer Electronics Engineering Drafting Officer Electronics Detail Drafting Assistant Civil Engineering Drafting Officer Sewage Reticulation Drafting Officer Structural Engineering Drafting Officer Civil Engineering Drafting Assistant Air-Conditioning Drafting Officer Mechanical Engineering Drafting Officer Mechanical Engineering Drafting Assistant Architectural Drafting Officer Engineering Survey Drafting Officer Lighting Design Drafting Officer Shipbuilding Design Drafting Officer
DRAFTSPERSON	3201-11 3201-13 3201-15 3201-15 3201-17 3203-11 3203-11 3203-11 3205-11 3205-11 3205-13 3205-13 3299-99 3299-99	Electrical Engineering Design Draftsperson Substation Design Draftsperson Electrical Engineering Detail Draftsperson Electronics Engineering Design Draftsperson Electronics Detail Draftsperson Civil Engineering Design Draftsperson Road Design Draftsperson Structural Design Draftsperson Civil Engineering Detail Draftsperson Mechanical Engineering Design Draftsperson Tool Design Draftsperson Mechanical Detail Draftsperson Tool Design Detail Draftsperson Aircraft Detail Draftsperson Mining Detail Draftsperson
DRAGLINE	7201-01 7201-21 7201-91	Dragline Supervisor Dragline Operator Dragline Oiler
DRAIN	4409-15	Drain Cleaner
DRAINAGE	3905-11	Plumbing and Drainage Inspector
DRAINER	4409-15 4409-91	Drainer Apprentice Drainer
DRAINERS	4409-01	Supervisor, Drainers
DRAMA	2505-17	Drama Teacher (Private)
DRAWER-IN	7425-11	Drawer-in
DRAWING	7401-15 7421-11	Wire Drawing Machine Operator Yarn Drawing Machine Operator
DREDGE	3305-11 7201-25	Dredge Master Dredge Operator
DRESSER	3999-19 7405-11	Window Dresser Metal Dresser and Grinder

KEYWORD	CODE	TITLE TO SECOND
The second secon	1 A	
	7425-11	Textile Dresser
DRESSMAKER	4911-13	Dressmaker
DRESSMAKERS	4911-01	Supervisor, Dressmakers
DRESSMAKING	2505-99	Dressmaking Teacher (Private)
DRIED	7431-21	Dried Milk Products Maker
DRILL	7317-11 7317-11 7317-11 7317-11 7317-11 7317-11	Coal Seam Drill Operator Jumbo Drill Operator Long Hole Drill Operator Raise Drill Operator Rock Drill Operator Rotary Drill Operator
DRILLER	4103-13 7317-01 7317-01 7317-11 7317-11	Radial Driller (Metal) Directional Driller Master Driller Diamond Driller Water Well Driller
DRILLER'S	8415-13	Driller's Offsider
DRILLING	2215-13 7303-11 7317-01 7317-11	Oil and Gas Drilling Engineer Motorman/woman (Fluids Drilling) Supervisor, Drilling Plant Operators Drilling Plant Operator
DRINK	6201-29 6301-15 6505-13 7431-15 7431-15	Sales Representative (Food, Drink and Tobacco Products) Sales Assistant (Food and Drink Products) Drink Waiter/Waitress Soft Drink and Syrup Making Machine Operator (except Dairy) Soft Drink Mixer
DRIVER	7101-11 7101-13 7103-11 7103-11 7103-11 7105-11 7105-11 7105-13 7105-13 7105-13 7105-13 7105-13 7105-13 7105-13 7105-13 7105-13 7105-11 7107-11 7107-11 7107-11 7107-11 7107-91 7107-91 7203-11 7203-11 7203-11 7203-11 7303-11 7303-11 7313-11	Bus Driver Tram Driver Automobile Driver Hire Car Driver Taxi Driver Courier Driver Delivery Driver Taxi Truck Driver Van Driver Concrete Mixer Driver Haul Truck Driver Heavy Truck Driver Heavy Truck Driver Semi-Trailer Driver Semi-Trailer Driver Tow Truck Driver Tow Truck Driver Locomotive Driver Rail Car Driver Train Driver Underground Locomotive Driver Assistant Locomotive Driver Trainee Locomotive Driver Forklift Driver Reach Truck Driver Turret Truck Driver Sugar Mill Engine Driver Winding Engine Driver Armoured Fighting Vehicle Driver
DRIVER'S	8909-17	Truck Driver's Offsider
DRIVERS	6501-01 7107-01	Supervisor, Street Vendors, Canvassers and Sales Drivers Supervisor, Locomotive Drivers

KEYWORD	CODE	TITLE
DRIVEWAY	6599-21	Driveway Attendant
DRIVING	2505-19	Driving Instructor
DROP-SORTER	7413-99	Drop-Sorter Operator
DROVER	8201-11	Drover
DRUG	2603-11	Drug and Alcohol Counsellor
DRY	1501-11 7415-13 7499-15	Dry Cleaning Establishment Manager Dry End Papermaking Machine Operator Dry Cleaning Machine Operator
DRYER	7431-13 7499-13	Sugar Dryer Operator Tobacco Dryer Attendant
DRYING	7423-11	Leather Drying Operator
DUBBING	3903-11 3903-11	Dubbing Machine Operator Dubbing Projectionist (Sound Mixing)
DUCTWORKER	4203-17	Ductworker
DUMPER	7309-11	Car Dumper Operator
DUPLICATING	5499-11	Photocopying and Duplicating Clerk
DYE	3299-11	Dye Penetrant Testing Technician
DYEING	3103-23 7425-17	Dyeing and Finishing Technical Officer Textile Dyeing and Finishing Machine Operator
DYER	7425-17 7425-17	Fabric Dyer Garment Dyer

KEYWORD	CODE	TITLE
EAR	2303-31	Ear, Nose and Throat Specialist
EARLY	2401-11 2905-13	Early Childhood Teacher Early Child Care Adviser
EARTH	3103-15 3103-17	Earth Science Technical Officer Earth Science Technician
EARTHMOVING	4103-11 4103-91 7201-01 7201-13 7201-19 7201-91 8407-11	Mechanic (Diesel and Heavy Earthmoving Equipment) Apprentice Mechanic (Diesel and Heavy Earthmoving Equipment) Supervisor, Excavating and Earthmoving Plant Operators Scraper Operator (Earthmoving) Loader Operator (Earthmoving) Trainee Excavating and Earthmoving Plant Operator Earthmoving Labourer
ECOLOGICAL	3103-25	Ecological Technical Officer
ECOLOGIST	2107-21	Ecologist
ECONOMETRICIAN	2901-11	Econometrician
ECONOMIC	2907-13 2907-15	Economic Geographer Economic Historian
ECONOMIST	2901-11 2901-11 2901-11 2901-11 2901-11	Agricultural Economist Economist International Trade Economist Labour Economist Transport Economist
EDDY	3299-11	Eddy Current Testing Technician
EDGE	4901-11	Edge Bander Operator
EDGERMAN/WOMAN	7413-13	Edgerman/woman
EDITOR	1201-11 2807-01 2807-01 2807-01 2809-13 2809-15 2811-19 3903-11	Managing Editor Assistant Editor Associate Editor News Editor Book Editor Script Editor Film Editor Sound Editor
EDITORIAL	2807-99 2807-99	Editorial Assistant Editorial Writer
EDP	2707-17 2707-25 2707-25 6201-13 6201-17 6301-99	EDP Analyst EDP Auditor EDP Security Analyst Sales Representative (EDP Equipment) Sales Representative (Electronic Equipment except EDP) Sales Assistant (EDP and Office Equipment)
EDUCATION	2407-99 2503-13 2905-13	Aboriginal Education Teacher TAFE Teacher (General Education) Education Officer
EDUCATIONAL	2407-11 2603-99 2903-13 2903-13	Educational Support Teacher Educational Counsellor Educational Guidance Officer Educational Psychologist
EDUCATOR	2505-25	Nurse Educator
EFFECTS	3903-99 3903-99	Sound Effects Person Special Effects Person
EGG	1401-25 8199-45	Egg Producer Egg Candler

KEYWORD	CODE	TITLE
	8199-45	Egg Process Worker
ELECTRICAL	2211-11	Chief Electrical Engineer
	2211-11	Electrical Engineer
	2211-11	Electrical Maintenance Engineer
	2211-11	Electrical Power Engineer
	3201-11	Electrical Engineering Associate
	3201-11	Electrical Engineering Design Draftsperson
	3201-11	Electrical Engineering Drafting Officer
	3201-11	Electrical Engineering Technical Officer
	3201-13 3201-13	Electrical Engineering Detail Draftsperson
	3201-13	Electrical Engineering Drafting Assistant Electrical Engineering Technician
	3201-13	Electrical Instrument Technician
	3303-19	Airworthiness Surveyor (Electrical and Instruments)
	3905-11	Electrical Installation Inspector
	4211-15	Aircraft Electrical Engineer
	4211-15	Aircraft Ground Engineer (Electrical)
	4211-15	Aircraft Maintenance Engineer (Electrical)
	4211-15	Examiner of Aircraft (Electrical)
	4211-15	Licensed Aircraft Maintenance Engineer (Electrical)
	4301-01	Supervisor, Electrical Powerline Tradespersons
•	4301-11	Electrical Linesman/woman
	4301-13 4301-91	Electrical Cable Jointer Apprentice Electrical Powerline Tradesperson
	4301-91	Trainee Electrical Linesman/woman
	4303-01	Supervisor, Electrical Fitters
	4303-11	Electrical Equipment Fitter
	4303-11	Electrical Instrument Fitter
	4303-13	Electrical Appliance Servicer
	4303-91	Apprentice Electrical Fitter
	4305-11	Automotive Electrical Fitter
	4309-01	Supervisor, Electrical Mechanics
	4309-11	Electrical Contractor
	4309-11	Electrical Mechanic
	4309-91 4399-01	Apprentice Electrical Mechanic
	8101-15	Supervisor, Other Electrical and Electronics Tradespersons Electrical and Telecommunications Trades Assistant
	8101-15	Electrical Power Linesman/woman's Assistant
	8103-13	Electrical and Electronic Equipment Assembler
ELECTRICIAN	4305-11	Automotive Electrician
	4305-91	Apprentice Automotive Electrician
	4309-11	Electrician
	4309-13	Electrician (Special Class)
	4309-91 4399-11	Apprentice Electrician Lift Electrician
ELECTRICIANS	4305-01	Supervisor, Automotive Electricians
ELECTROCARDIOGRAPHIC	3101-99	Electrocardiographic Technician
ELECTROENCEPHALOGRAPHIC	3101-99	Electroencephalographic Technician
ELECTROFORMER	4209-13	Electroformer
ELECTROLYTIC	7399-31	Floatrolytic Call Operator
ELECTROLITIC	7399-31	Electrolytic Cell Operator Electrolytic Refiner
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5201-01

5201-15

6201-17

8103-13

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ELECTRONIC

Communications Electronic Systems Technician (Air Force)

Apprentice Electronic Instrumentation Tradesperson

Electronic Instrument Tradesperson (Complex Systems)

Sales Representative (Electronic Equipment except EDP)

Electronic Instrument and Control Tradesperson

Electrical and Electronic Equipment Assembler

Electronic Scanner Operator (Printing)

Electronic Mail Controller

Electronic Mail Operator

KEYWORD	CODE	TITLE
LECTRONICS	2211-13	Chief Electronics Engineer
	2211-13	Electronics Engineer
	3201-15	Aircraft Electronics Technical Officer
	3201-15	Electronics Engineering Associate
	3201-15	Electronics Engineering Design Draftsperson
	3201-15	Electronics Engineering Drafting Officer
	3201-15	Electronics Engineering Technical Officer
	3201-17	Electronics Detail Drafting Assistant
	3201-17	Electronics Detail Draftsperson
	3201-17	Electronics Engineering Technician
	3303-99	Airborne Electronics Analyst
	4399-01	Supervisor, Other Electrical and Electronics Tradespersons
ECTROPLATER	4209-13	Electroplater (First Class)
	4209-15	Electroplater (Second Class)
	4209-17	Electroplater (Third Class)
	4209-91	Apprentice Electroplater
ECTROTYPER	4509-11	Stereotyper and Electrotyper
	4509-91	Apprentice Stereotyper and Electrotyper
LECTROTYPERS	4509-01	Supervisor, Stereotypers and Electrotypers
OCUTION	2505-17	Elocution Teacher
MBALMER	6699-11	Embalmer
MBOSSER		Glass Embosser
	4921-11	
MBRYOLOGIST	2107-11	Embryologist
MPLOYMENT	2705-11	Employment Officer
	2705-11	Equal Employment Officer
	5905-13	Employment Office Clerk
ID	7415-11	Wet End Papermaking Machine Operator
	7415-13	Dry End Papermaking Machine Operator
NDOCRINOLOGIST	2107-13	Endocrinologist
	2303-99	Clinical Endocrinologist
NDODONTIST	2305-13	Endodontist
IGINE	4211-11	Aircraft Engine Fitter
	4601-13	Small Engine Mechanic
	4601-91	Apprentice Small Engine Mechanic
	7303-11	Stationary Engine and Boiler Operator
	7303-11	Sugar Mill Engine Driver
	7303-13	Marine Engine and Boiler Operator
	7313-11	Winding Engine Driver
NGINEER	1399-99	Marine Engineer Superintendent
	2109-13	Biomedical Engineer
	2207-11	Chemical Engineer
	2207-11	Combustion Engineer
	2207-11	Petrochemical Process Engineer
	2207-11	Principal Chemical Engineer
	2207-11	Smelting Engineer
	2207-11	Water Treatment Engineer
	2209-11	Chief Civil Engineer
	2209-11	Civil Engineer
	2209-11	Construction Engineer
	2209-11	Municipal Engineer
	2209-11	Structural Engineer
	2209-11	Transport Engineer (Army)
	2209-11	Water Supply Distribution Engineer
	2211-11	Chief Electrical Engineer
	2211-11	Electrical Engineer
	2211-11	Electrical Maintenance Engineer
	2211-11 2211-11	Electrical Maintenance Engineer Electrical Power Engineer

2211-13	Communications Engineer
2211-13	Computer Engineer
2211-13	Electronics Engineer
2211-13	Process Control Engineer
2211-13	Radio Engineer
2211-13	Telecommunications Engineer
2213-11	Air-Conditioning Engineer
2213-11	Chief Mechanical Engineer
2213-11	Mechanical Engineer
2215-11	Chief Mining Engineer
2215-11	Mining Engineer (except Petroleum)
2215-13	Mud Engineer
2215-13	Oil and Gas Drilling Engineer
2215-13	Petroleum Engineer
2215-13	Petrophysical Engineer
2217-11	Hydrometallurgical Engineer
2217-11	Pyrometallurgical Engineer
2217-15	Ceramics Engineer
2217-15	Materials Engineer
2217-15	Metallurgical Engineer
2217-15	Polymer Engineer
2219-11	Aeronautical Engineer
2219-11	Air Safety Engineer
2219-13	Agricultural Engineer
2219-17	Industrial Engineer
2219-17	Methods Engineer
2219-17	Safety Engineer
2219-99	Military Armament Engineer
2219-99	Military Instrument Engineer
2219-99	Product Design Engineer
2707-19	Computer Systems Engineer (Software)
2707-19	Software Engineer
3303-15	Flight Engineer
3303-21	Flight Engineer Inspector
3307-11	Marine Engineer
3307-11	Motor Vessel Engineer Officer
3307-11	Ship's Engineer Officer
3307-13	Marine Engineer Surveyor
3307-91	Cadet Marine Engineer
3307-91	Trainee Marine Engineer
4211-11	Aircraft Ground Engineer (Engines)
4211-11	Aircraft Maintenance Engineer (Engines)
4211-11	Licensed Aircraft Maintenance Engineer (Engines)
4211-11	Line Maintenance Aircraft Engineer (Engines)
4211-13 4211-13	Aircraft Ground Engineer (Airframes)
4211-13	Aircraft Maintenance Engineer (Airframes) Licensed Aircraft Maintenance Engineer (Airframes)
4211-13	
4211-15	Line Maintenance Aircraft Engineer (Airframes) Aircraft Electrical Engineer
4211-15	Aircraft Ground Engineer (Electrical)
4211-15	Aircraft Maintenance Engineer (Electrical)
4211-15	Licensed Aircraft Maintenance Engineer (Electrical)
4211-17	Aircraft Ground Engineer (Radio)
4211-17	Aircraft Maintenance Engineer (Radio)
4211-17	Licensed Aircraft Maintenance Engineer (Radio)
4211-19	Aircraft Ground Engineer (Instruments)
4211-19	Aircraft Maintenance Engineer (Instruments)
4211-19	Licensed Aircraft Maintenance Engineer (Instruments)
4211-91	Apprentice Aircraft Ground Engineer
4211-91	Apprentice Aircraft Maintenance Engineer
7211-11	Fire Engineer (Army)
	Engineer (Army)
1399-11	Engineering Manager
2205-13	Engineering Surveyor
3201-11	Electrical Engineering Associate
3201-11	Electrical Engineering Design Draftsperson

ENGINEERING

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	3201-11	Electrical Engineering Drafting Officer
	3201-11	Electrical Engineering Technical Officer
	3201-13 3201-13	Electrical Engineering Detail Draftsperson Electrical Engineering Drafting Assistant
	3201-13	Electrical Engineering Technician
	3201-15	Communications Engineering Technical Officer
	3201-15	Electronics Engineering Associate
	3201-15 3201-15	Electronics Engineering Design Draftsperson Electronics Engineering Drafting Officer
	3201-15	Electronics Engineering Technical Officer
	3201-17	Communications Engineering Technician
	3201-17	Electronics Engineering Technician
	3203-11 3203-11	Civil Engineering Associate Civil Engineering Design Draftsperson
	3203-11	Civil Engineering Design Braftsperson
	3203-11	Civil Engineering Technical Officer
	3203-11	Structural Engineering Drafting Officer
	3203-13	Civil Engineering Detail Draftsperson
	3203-13 3203-13	Civil Engineering Drafting Assistant Civil Engineering Technician
	3205-11	Mechanical Engineering Associate
	3205-11	Mechanical Engineering Design Draftsperson
•	3205-11 3205-11	Mechanical Engineering Drafting Officer Mechanical Engineering Technical Officer
	3205-11	Mechanical Engineering Technical Officer Mechanical Engineering Drafting Assistant
	3205-13	Mechanical Engineering Technician
	3207-15	Engineering Survey Drafting Officer
	3299-99 3299-99	Aeronautical Engineering Technical Officer Engineering Tracer
	3299-99	Production Planning Officer (Engineering)
ENGINEERS	4211-01	Supervisor, Aircraft Maintenance Engineers
ENGINEMAN/WOMAN	7107-11	Locomotive Engineman/woman
ENGINES	3303-19	Airworthiness Surveyor (Engines)
	4211-11 4211-11	Aircraft Ground Engineer (Engines) Aircraft Maintenance Engineer (Engines)
	4211-11	Aircraft Mechanic (Engines)
	4211-11	Examiner of Aircraft Engines
	4211-11	Licensed Aircraft Maintenance Engineer (Engines)
ENGLISH	4211-11 2407-99	Line Maintenance Aircraft Engineer (Engines)
ENGRAVER	4213-21	Teacher of English as a Second Language Engraver
ENGRAVING	4503-11	Etcher-Finisher (Photo Engraving)
ENLARGER	7435-11	Photographic Enlarger Operator
ENROLLED	6603-11	Enrolled Nurse
	6603-91	Student Enrolled Nurse
ENTERTAINMENT	8901-13	Entertainment Usher
ENTOMOLOGIST	2107-23	Entomologist
ENTRY	5201-13	Data Entry Operator
ENVIRONMENTAL	2199-11 2801-99	Environmental Scientist Environmental Artist
ENZYME	2107-15	Enzyme Chemist
EPIDEMIOLOGIST	2109-11	Epidemiologist
EQUAL	2705-11	Equal Employment Officer
EQUIPMENT	3903-01	Supervisor, Sound Recording and Reproduction Equipment Operators
	3903-15	Television Equipment Operator

KΕ	YWORD

	4103-11 4103-91	Mechanic (Diesel and Heavy Earthmoving Equipment) Apprentice Mechanic (Diesel and Heavy Earthmoving	
	4100 01	Equipment)	
	4303-11	Electrical Equipment Fitter	
	4311-01	Supervisor, Communications Equipment Tradespersons	
	4311-91	Trainee Communications Equipment Tradesperson	
	4315-01	Supervisor, Office Equipment and Computer Servicers	
	4315-11	Business Equipment Mechanic	
	4315-11	Office Equipment Servicer	
	4315-91	Apprentice Office Equipment and Computer Servicer	
	4315-91	Trainee Office Equipment and Computer Servicer	
	4999-27	Aircraft Safety Equipment Worker	
	6201-13	Sales Representative (EDP Equipment)	
	6201-15	Sales Representative (Medical, Dental and Veterinary	
		Equipment)	
	6201-17	Sales Representative (Communications Equipment)	
	6201-17	Sales Representative (Electronic Equipment except EDP)	
	6201-99	Sales Representative (Photographic Equipment and Supplies)	
	6301-99	Sales Assistant (EDP and Office Equipment)	
	6301-99	Sales Assistant (Musical Equipment and Supplies)	
	6301-99	Sales Assistant (Photographic Equipment and Supplies)	
	6301-99	Sales Assistant (Sports Equipment and Toys)	
	8103-13	Electrical and Electronic Equipment Assembler	
	8109-13	Equipment Assembly Inspector	
ERECTOR	8401-13	Carport Erector	
2.1201011	8405-17	Structural Steel Erector	
	8499-15	Fence Erector	
ERGONOMIST	2999-99	Ergonomist	
ESCORT	6699-99	Escort	
ESTABLISHMENT	1501-11	Dry Cleaning Establishment Manager	
ESTABLISTIMENT	1599-11	Hairdressing Establishment Managing Supervisor	
ESTATE	1599-17	Real Estate Agency Manager	
	6105-11	Real Estate Sales Representative	
	6105-11	Real Estate Salesperson	
	6105-11	Real Estate Sub-agent	
	6105-13	Real Estate Property Manager	
ESTIMATOR	3207-11	Building Estimator	
ETCHER	2801-99	Etcher (Artistic)	
ETCHER	4921-11	Glass Etcher	
	4321-11	diass Etcher	
ETCHER-FINISHER	4503-11	Etcher-Finisher (Photo Engraving)	
EVAPORATOR	7431-13	Evaporator Boiler (Sugar Processing)	
EVISCERATOR	7431-19	Defeatherer and Eviscerator Operator	
	8199-33	Eviscerator	
EXAMINER	2999-99	Patent Examiner	
EXAMINER	3303-21	Examiner of Flightcrew	
	3905-13	Gas Examiner	
	3905-17	Train Examiner	
	4211-11	Examiner of Aircraft Engines	
	4211-13	Examiner of Airframes	
	4211-15	Examiner of Arrantes Examiner of Aircraft (Electrical)	
	4211-17	Examiner of Aircraft Radio	
	4211-19	Examiner of Aircraft Instruments	
	8109-13	Film Examiner	
	8109-13	Product Examiner	
	8109-13	Textile Examiner	
	8109-13	Tyre Finisher and Examiner	
EXAMINING	3905-19	Customs Examining Officer	
EXCAVATING	7201-01	Supervisor, Excavating and Earthmoving Plant Operators	

KEYWORD	CODE	TITLE STOT GREENS CONTRACTOR
	7201-91	Trainee Excavating and Earthmoving Plant Operator
EXCAVATOR	7201-21 7201-29	Bucketwheel Excavator Operator Excavator Operator
EXCEPT	1301-11 2107-99 2215-11 3905-29 3905-29 6201-17 7431-15 8999-11	Treasurer (except government) Pharmacologist (except Clinical) Mining Engineer (except Petroleum) Claims Assessor (except Health) Insurance Assessor (except Health) Sales Representative (Electronic Equipment except EDP) Soft Drink and Syrup Making Machine Operator (except Dairy) Animal Groom (except Horse)
EXCHANGE	6101-11 6101-11 6101-99	Stock Exchange Dealer Trading Floor Operator (Stock Exchange) Foreign Exchange Dealer
EXECUTIVE	1201-11 1305-13 2703-11 2999-99 4705-01 8915-11	Chief Executive Executive Producer Advertising Account Executive Executive Assistant Executive Chef Executive Housekeeper
EXHIBITION	2805-13	Exhibition Designer
EXPERT	4929-03	Shearing Shed Expert
EXPLOSIVE	4999-29	Explosive Ordnance Demolition Technician
EXPLOSIVES	4999-29 7411-01 7411-13 7411-13	Military Explosives Technician Supervisor, Explosives Production Machine Operators Explosives Mixer Operator Explosives Production Machine Operator
EXPORT	1303-11	Export Manager
EXPORTS	3905-15	Fish Exports Inspector
EXTENSION	2107-27	Agricultural Extension Officer
EXTERIOR	8401-13	Exterior Cladding Installer
EXTERMINATOR	8999-13	Pest Exterminator
EXTRA	8403-11	Concrete Extra Hand
EXTRACTIVE	2217-11	Extractive Metallurgist
EXTRUDER	7407-25 7431-11	Sheathing Extruder Food Processing Extruder Operator
EXTRUDING	7407-11 7407-13	Plastics Extruding Machine Setter Plastics Extruding Machine Operator
EXTRUSION	7401-17	Metal Extrusion Press Operator

KEYWORD	CODE	TITLE
FABRIC	3103-23 7425-01 7425-17 7425-99	Fabric Design Technical Officer Supervisor, Fabric Production Machine Operators Fabric Dyer Fabric Bonding Machine Operator
FABRICATOR	4205-11	Metal Fabricator
The state of the s	4205-13 4205-91 8199-25	Structural Metal Fabricator Apprentice Metal Fabricator Plastic Sheet Fabricator
FABRICATOR-WELDER	4205-11	Metal Fabricator-Welder
FABRICS	6301-13	Sales Assistant (Fabrics, Clothing and Footwear)
FACETER	4923-13	Faceter
FACILITY	4803-01	Sporting Facility Curator
FACTORY	7431-27 8199-01 8199-11 8199-15 8199-15 8199-15	Food Factory Cook Supervisor, Other Trades Assistants and Factory Hands Metal Processing and Finishing Factory Hand Hardboard Factory Hand Joinery Factory Hand Particleboard Factory Hand
	8199-15 8199-15 8199-17 8199-21	Plywood Factory Hand Wood and Wood Products Factory Hand Pulp, Papermaking and Paper Products Factory Hand Clay Processing Factory Hand
	8199-23 8199-23 8199-25 8199-41	Munitions Factory Hand Paint Factory Hand Rubber and Plastics Factory Hand Baking Factory Hand
	8199-41 8199-43 8199-43 8199-47 8301-11	Biscuit Factory Hand Cheese Factory Worker Dairy Factory Hand Fruit and Vegetable Factory Hand Factory Cleaner
FACULTY	1317-99	Faculty Head
FALLER	8203-11 8203-11 8203-11	Hardwood Faller Softwood Faller Tree Faller
FAMILY	2603-13 2603-13 2603-15 6607-13 6607-13	Family Counsellor Family Therapist Family Court Counsellor Family Aide Family Support Worker
FARM	1401-11 1401-13 1401-15 1401-17 1401-19 1401-21 1401-23	Grain, Oilseed and Pasture Farm Manager Sugar Cane Farm Manager Tobacco Farm Manager Beef Cattle Farm Manager Dairy Farm Manager Sheep Farm Manager Pig Farm Manager
	1401-23 1401-25 1401-29 1401-31 1401-91 1401-91 2107-27 7209-11 7209-11 7309-11 8201-01	Pig Farm Manager Poultry Farm Manager Mixed Farm Manager Fruit and Nut Farm Manager Vegetable Farm Manager Farm Apprentice Trainee Farm Manager Farm Consultant Farm Machinery Operator Farm Tractor Driver Tank Farm Operator Farm Overseer Supervisor, Farm Hands and Assistants

KEYWORD	CODE	TITLE
	8201-13	Fruit, Vegetable and Nut Farm Hand
	8201-99	Fish Farm Worker
	8201-99	Poultry Farm Hand
FARMER	1401-11 1401-11	Seed Farmer Wheat Farmer
	1401-17	Beef Cattle Farmer
	1401-17	Beef Cattle Stud Farmer Buffalo Farmer
	1401-17 1401-19	Dairy Cattle Stud Farmer
	1401-19	Dairy Farmer
	1401-21 1401-21	Sheep Farmer Sheep Stud Farmer
	1401-23	Pig Farmer
	1401-25	Poultry Farmer Horse Stud Farmer
	1401-27 1401-29	Mixed Farmer
	1401-91	Trainee Farmer
	1401-99 1401-99	Fish Farmer Goat Farmer
	1401-99	Oyster Farmer
FARRIER	4201-13	Farrier
FASHION	4201-91 2805-11	Apprentice Farrier Fashion Designer
FEEDER	7413-21	Plywood Centre Feeder
FELLER	7205-11	Tree Feller Operator
FELLMONGERING	7423-11	Fellmongering Machine Operator
FELLMONGERY	8199-27	Fellmongery Hand
FELLOW	2501-13	University or CAE Teaching Fellow
FELTMAKER	7425-99	Feltmaker
FENCE	8499-15	Fence Erector
FENCER	8499-15	Fencer
FERMENTATION	7305-11	Fermentation Operator (Chemicals)
FERRY	3305-11	Ferry Master
	7299-99 8925-11	Cable Ferry Operator Ferry Hand
FETTLER	8413-11	Railway Fettler
FIBRE	7419-01	Supervisor, Fibre Cement Machine Operators
FIBRE-CEMENT	7419-21 7419-21	Fibre-Cement Machine Operator Fibre-Cement Moulder
FIBROUS	4407-13	Fibrous Plaster Fixer
	4407-13	Fibrous Plaster Setter Fibrous Plasterer
	4407-13 7419-19	Fibrous Plaster Maker
FIELD	3103-31	Field Crop Technician
	3905-99	Postal Services Field Manager
	8201-11 8411-11	Livestock and Field Crop Farm Hand Geological Survey Field Assistant
FIGHTER	7211-11	Fire Fighter
FIGHTERS	7211-01	Supervisor, Fire Fighters
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Armoured Fighting Vehicle Crewman Armoured Fighting Vehicle Driver

Supervisor, Library and Filing Clerks Filing Clerk

7499-19 7499-19

5401-01 5401-13

FIGHTING

FILING

KEYWORD	CODE	TITLE
	5499-11	Other Filing, Sorting and Copying Clerks
FILL	7399-11	Surface Hydraulic Fill Operator
FILLER	7433-11 7433-99 7433-99 7499-99	Liquids Filler Can Filler and Closer Sack and Bag Filler Pressurised Container Filler
FILLETER	8199-39	Fish Filleter
FILM	2811-11 2811-15 2811-19 7435-01 7435-13 7435-13 7435-13 8109-13	Art Director (Television, Film or Stage) Director (Film or Stage) Film Editor Supervisor, Photographic Film Manufacturing Operators Film Cutter Film Spooler Photographic Film Manufacturing Operator Film Examiner
FINANCE	1301-11 1301-11 6101-99	Finance Director Finance Manager Corporate Finance Officer
FINANCIAL	1507-11 5301-17	Financial Institution Branch Manager Branch Accountant (Financial Institution)
FINE	3999-21	Fine Furnisher
FINISH	3999-17	Finish Artist
FINISHER	4507-11 4507-91 4905-19 4905-91 4919-11 7429-11 7435-11 8109-13	Binder and Finisher Apprentice Binder and Finisher Furniture Finisher Apprentice Furniture Finisher Floor Finisher Shoemaking Finisher Print Finisher Tyre Finisher and Examiner
FINISHERS	8403-11 4507-01	Concrete Finisher Supervisor, Binders and Finishers
FINISHING	4905-01 3103-23 4209-01 4209-91 7423-11 7425-17 7427-11 8199-11	Supervisor, Furniture Finishers Dyeing and Finishing Technical Officer Supervisor, Metal Finishing Tradespersons Apprentice Metal Finishing Tradesperson Leather Finishing Machine Operator Textile Dyeing and Finishing Machine Operator Garment Finishing Operator Metal Processing and Finishing Factory Hand
FIRE	8199-11 1201-11 1319-13 7211-01 7211-11 7211-11 7211-11 7499-19 8203-13	Metal Processing and Finishing Labourer Fire Commissioner Commissioned Fire Officer Supervisor, Fire Fighters Fire Engineer (Army) Fire Fighter Fire Prevention Officer Fire Controller (Navy) Fire Look-out
FIREMAN/WOMAN	7107-91	Railway Fireman/woman
FIRER'S	8101-99	Shot Firer's Assistant
FIRM	1599-99	Stockbroking Firm Manager
FIRST	4103-13 4203-11 4205-17 4209-13	Metal Machinist (First Class) Sheetmetal Worker (First Class) Welder (First Class) Electroplater (First Class)

KEYWORD	CODE	TITLE	
	8999-99	First Aid Officer	
FISH	1401-99 3905-15 7431-19 7431-19 7431-19 7431-27 8199-39 8199-39 8201-99	Fish Farmer Fish Exports Inspector Fish Plant and Machinery Operator Fish Smokehouse Operator Meat and Fish Processing Machine Operator Fish Cooker Fish Filleter Fish Process Worker Fish Farm Worker	
FISHER	8925-13	Fisher	
FISHERIES	3103-25 3905-99	Fisheries Technical Officer Fisheries and Wildlife Inspector	
FISHERMAN/WOMAN	3305-15 8925-13	Master Fisherman/woman Fisherman/woman	
FISHING	3305-11 7317-11	Fishing Vessel Master Fishing Tool Operator	
FITNESS	2505-99 2505-99	Fitness Instructor Physical Fitness Instructor	- .
FITTER	4103-11 4103-11 4103-11 4103-11 4103-91 4103-91 4211-11 4211-13 4213-11 4303-11 4303-11 4303-91 4305-11 4307-13 4401-11 4409-11 4409-11 4409-13 4999-13 4999-29 8401-13 8923-11 8923-11	Bench Fitter Fitter Fitter Fitter and Turner Maintenance Fitter Service Fitter Apprentice Fitter, Turner and Machinist Apprentice Metal Fitter and Machinist Aircraft Engine Fitter Airframe Fitter Instrument Fitter Electrical Equipment Fitter Electrical Instrument Fitter Apprentice Electrical Fitter Automotive Electrical Fitter Refrigeration Fitter Shop Fitter Pipe Fitter (Plumbing) Sprinkler Fitter Gas-main and Line Fitter Apprentice Sprinkler Fitter Ophthalmic Lens Surfacer and Fitter Armament Fitter Curtain Fitter Muffler Fitter Vehicle Accessories Fitter Tyre and Tube Fitter	
FITTER-MACHINIST	4103-11	Fitter-Machinist	
FITTER-MECHANIC	4103-11 4103-11	Diesel Fitter-Mechanic Fitter-Mechanic	
FITTER-WELDER	4103-11	Fitter-Welder	
FITTER'S	8101-11	Fitter's Assistant	
FITTERS	4103-01 4303-01 4409-01 8923-01	Supervisor, Metal Fitters and Machinists Supervisor, Electrical Fitters Supervisor, Gas Fitters Supervisor, Vehicle Accessories Fitters	
FIXER	4407-13 4407-13 4411-11	Fibrous Plaster Fixer Plasterboard Fixer Roof Fixer	

CODE	TITLE
4413-11 4999-15 8405-15	Wall and Floor Tile Fixer Stone Fixer Steel Fixer
4401-11	Fixing Carpenter
4921-11 4921-91	Flat Glass Tradesperson Apprentice Flat Glass Tradesperson
8199-27	Flesher Hand
7423-11	Hide and Skin Fleshing Machine Operator
4503-11 4505-15	Flexographic Plate Maker Flexographic or Gravure Printing Machinist
1319-15 3201-15 3303-13 3303-15 3303-21 3303-93 6609-01 6609-11	Flight Lieutenant Flight Surveyor Flight Service Officer Flight Engineer Flight Engineer Inspector Trainee Flight Service Officer Senior Flight Attendant Flight Attendant
3303-21	Examiner of Flightcrew
2811-21 4413-01 4413-11 4413-11 4413-11 4413-91 4919-01 4919-11 4919-11	Floor Manager (Television) Supervisor, Wall and Floor Tilers Terrazzo Floor Layer Wall and Floor Tile Fixer Wall and Floor Tiler Apprentice Wall and Floor Tiler Supervisor, Floor Coverers Floor Coverer Floor Finisher Apprentice Floor Coverer
6101-11 6201-27 6301-17 8101-13	Trading Floor Operator (Stock Exchange) Sales Representative (Floor Coverings and Furniture) Sales Assistant (Furniture, Floor Coverings and Household Goods) Wall and Floor Tiler's Assistant
4999-25 4999-91	Florist Apprentice Florist
7399-11	Flotation Operator
1401-99	Commercial Flower Grower
7303-11 7309-01 7309-11	Motorman/woman (Fluids Drilling) Supervisor, Fluids Loading and Unloading Plant Operators Bulk Fluids Handler
2505-21	Flying Instructor
7407-17	Plastics Foam Machine Operator
7499-17	Folding Machine Operator
1501-11 2101-11 4799-01 4799-91 6201-29 6301-15 6505-15 7431-01 7431-11 7431-27	Take Away Food Outlet Manager Food Technologist Supervisor, Other Food Tradespersons Apprentice, Other Food Trades Sales Representative (Food, Drink and Tobacco Products) Sales Assistant (Food and Drink Products) Food Steward/Stewardess Supervisor, Food Processing Machine Operators Food Processing Extruder Operator Food Factory Cook Food Processing Autoclave Operator
	4413-11 4999-15 8405-15 4401-11 4921-91 8199-27 7423-11 4503-11 4505-15 1319-15 3303-13 3303-15 3303-21 3303-93 6609-01 6609-01 3303-21 2811-21 4413-01 4413-11 4413-11 4413-11 4413-11 4413-11 4413-11 6201-27 6301-17 8101-13 4999-25 4999-91 7399-11 1401-99 7303-11 7309-01 7309-01 7309-11 2505-21 7407-17 7499-17 1501-11 2101-11 4799-01 4799-91 6201-29 6301-15 6505-15 7431-01 7431-11 7431-27

KEYWORD	CODE	TITLE
	7431-99 7431-99 7431-99 7431-99 7433-99 8921-13	Food Processing Machine Operators nec Food Size-grading Operator Frozen Food Machine Operator Pet Food Processing Machine Operator Food Packaging Machine Operator Hospital Food Serviceperson
FOOTWEAR	6201-37 6301-13	Sales Representative (Textiles, Clothing and Footwear) Sales Assistant (Fabrics, Clothing and Footwear)
FORCE	1201-11 1319-15 2205-13 3201-17 3207-15 3299-99 3299-99	Air Force ranks above and including Air Commodore Commissioned Defence Force Officer (Management) Air Photo Plotter (Air Force) Communications Electronic Systems Technician (Air Force) Photographic Interpreter (Air Force) Aircraft Systems Technician (Air Force) Avionics System Technician (Air Force)
FORCES	1319-15 1319-91 1503-11 3999-99	Captain (Defence Forces) Trainee Officer (Defence Forces) Mess Supervisor (Defence Forces) Signaller (Defence Forces)
FOREIGN	6101-99	Foreign Exchange Dealer
FOREMAN/WOMAN	3207-11	Building Foreman/woman
FOREST	2107-25 2107-25 3103-27 3999-99	Forest Manager Forest Scientist Forest Assessor Forest Ranger
FORECTER	8203-01	Forest Overseer
FORESTRY	2107-25 2107-25 2107-25 3103-25 3103-27 8203-01 8203-13	Forester Forestry Adviser Harvesting Manager (Forestry) Forestry Technical Officer Forestry Technician Supervisor, Forestry Labourers Forestry Worker
FORGER'S	8101-11	Metal Forger's Assistant
FORGING	4201-01 4201-11 4201-91 7405-11	Supervisor, Forging Tradespersons Forging Smith Apprentice Forging Tradesperson Forging Machine Operator
FORKLIFT	7203-11	Forklift Driver
FORMAL	6505-11	Formal Service Waiter/Waitress
FORME	7415-15	Carton Cutting and Crease Forme Setter
FORMS	3999-27 3999-27 3999-27	Forms Analyst Forms Analyst and Designer Forms Designer
FORMWORK	4401-11 8403-11	Formwork Carpenter Concrete Formwork Stripper
FORWARDER	7205-11	Forwarder Operator
FOURDRINIER	7415-11	Fourdrinier Machine Operator
FRAME	4905-13	Picture Frame Maker
FRAMER	4905-13 4905-91	Picture Framer Apprentice Picture Framer
FRAMERS	4905-01	Supervisor, Picture Framers
FREELANCE	2807-99	Freelance Journalist

KEYWORD	CODE	TITLE
FREIGHT	5503-11 5503-11	Freight Clerk Freight Traffic Controller
	8909-01	Supervisor, Freight and Furniture Handlers
	8909-11	Freight Handler (Road and Rail)
FRENCH	4905-19	French Polisher
FRIDAY	5101-11	Girl/Man Friday
FRONT-END	7201-19	Front-end Loader Operator
FROZEN	7431-99	Frozen Food Machine Operator
FRUIT	1401-31	Fruit and Nut Farm Manager
	1401-31	Fruit and Nut Grower
	7431-15 7431-27	Fruit and Vegetable Juicer Operator Fruit Conserve and Sauce Maker
	7431-99	Fruit and Vegetable Dehydrator
	7431-99	Fruit and Vegetable Peeling Machine Operator
	8105-13	Fruit and Vegetable Packer
	8109-11	Fruit and Vegetable Classer
	8199-47	Fruit and Vegetable Factory Hand
	8201-13 8201-13	Fruit, Vegetable and Nut Farm Hand Fruit, Vegetable and Nut Picker
FUMIGATOR	8999-13	Fumigator
FUND	5303-11	Superannuation Fund Clerk
	6501-15	Fund Raiser
FUNERAL	6699-11 8999-21	Funeral Director Funeral Attendant
FUR	3999-37	Fur Grader
	4911-17	Fur Cutter
	4911-17	Fur Matcher
FURNACE	7315-01	Supervisor, Blast Furnace Operators
	7315-01	Supervisor, Furnace and Kiln Operators
	7315-11	Basic Oxygen Steelmaking Furnace Operator
	7315-11 7315-11	Blast Furnace Operator Metals Furnace Operator
	7315-11	Open Hearth Furnace Operator
	7315-11	Smelting Furnace Operator
	7315-13	Heat Treatment Furnace Operator
	7315-13 7417-01	Soaking Pit Furnace Operator Supervisor, Glass Furnace Operators
	7417-01	Glass Furnace Operator
	8199-11	Blast Furnace Helper
FURNISHER	3999-21	Fine Furnisher
FURNITURE	2805-15	Furniture Designer
	4903-11 4903-11	Antique Furniture Reproducer
	4903-11	Antique Furniture Restorer Custom Furniture Maker
	4905-01	Supervisor, Cane Furniture Makers
	4905-01	Supervisor, Furniture Finishers
	4905-17	Cane Furniture Maker
	4905-19 4905-19	Furniture Finisher Furniture Polisher
	4905-91	Apprentice Cane Furniture Maker
	4905-91	Apprentice Furniture Finisher
	4913-11	Furniture Upholsterer
	6201-27	Sales Representative (Floor Coverings and Furniture)
	6301-17	Sales Assistant (Furniture, Floor Coverings and Household Goods)
	7105-15	Furniture Removalist-Driver
	8103-17	Furniture Assembler
	8199-15	Furniture Manufacturing Labourer
	8909-01	Supervisor, Freight and Furniture Handlers

KEYWORD	CODE	TITLE	
	8909-13 8909-17	Furniture Packer Furniture Removalist's Assistant	
FURRIER	4911-17	Furrier	
FURRIERS	4911-01	Supervisor, Furriers	
FUSE	7411-13	Fuse Maker	
FUTURES	6101-99	Futures Dealer	

KEYWORD	CODE	TITLE
GALLERY	3999-13	Museum and Art Gallery Technician
GALVANISER	8199-11	Continuous Plant Galvaniser
GANG	7413-13	Cant Gang Sawyer
GANGER	8409-01 8413-01	Road Ganger Tramway Ganger
GARAGE	8101-99	Garage Assistant
GARBAGE	8905-01 8905-11	Supervisor, Garbage Collectors Garbage Collector
GARBOLOGIST	8905-11	Garbologist
GARDEN	8205-13	Garden Labourer
GARDENER	1401-33 4805-01 4805-11 4805-13 4805-91 4805-91	Market Gardener Head Gardener Gardener (General) Landscape Gardener Apprentice Gardener Apprentice Landscape Gardener
GARDENER'S	8205-13	Gardener's Assistant
GARDENERS	4805-01	Supervisor, Landscape Gardeners
GARDENING	6301-11	Sales Assistant (Hardware and Gardening Supplies)
GARMENT	4911-01 4911-91 7425-17 7427-11	Supervisor, Garment Tradespersons Apprentice Garment Tradesperson Garment Dyer Garment Finishing Operator
GAS	2215-13 3905-13 4205-19 4409-01 7305-11 7307-01 7307-01 7307-11 7307-11 7307-13 7307-15 7307-15 8199-23	Oil and Gas Drilling Engineer Gas Examiner Gas Welder-Cutter Supervisor, Gas Fitters Industrial Gas Production Operator Supervisor, Oil and Gas Well Treatment Operators Supervisor, Oil, Gas and Pipe Testing Operators Supervisor, Petroleum and Gas Plant Operators Gas Compressor Turbine Operator Petroleum and Gas Refining and Pumping Operator Oil and Gas Well Treatment Operator Oil and Gas Production Testing Operator Oil, Gas and Pipe Tester Gas Plant Labourer
GAS-MAIN	4409-13	Gas-main and Line Fitter
GAS-SHIELDED GASFITTER	4205-19 4409-13 4409-13 4409-91	Gas-shielded Arc Welding Operator Gasfitter Liquid Petroleum Gasfitter Apprentice Gasfitter
GASTROENTEROLOGIST	2303-99	Gastroenterologist
GATEKEEPER	8901-15	Gatekeeper
GATHERER	8299-99	Kelp and Seagrass Gatherer
GEAR	4103-19	Gear Cutter
GELATO	7431-25	Gelato Maker
GEM	4923-11 4923-13	Gem Setter Gem Cutter and Polisher
GENERAL	1201-11 1501-11 2301-11	General Manager General Storekeeper General Medical Practitioner

KEYWORD	CODE	TITLE	
	2503-13 3401-11 4409-11 4805-11 6505-15 8199-29 8199-29	TAFE Teacher (General Education) Registered General Nurse Plumber (General) Gardener (General) Waiter/Waitress (General) General Hand (Printing) Newspaper Press General Hand	
GENERATION	7301-01 7301-11 7301-11	Supervisor, Power Generation Plant Operators Power Generation Plant Operator Power Generation Turbine Room Operator	
GENETICIST	2107-99	Geneticist	
GEOCHEMICAL	3103-17	Geochemical Technician	
GEOCHEMIST	2103-11	Geochemist	
GEODETIC	2205-13	Geodetic Surveyor	
GEOGRAPHER	2907-13 2907-13 2907-13	Economic Geographer Geographer Physical Geographer	
GEOLOGICAL	8411-11	Geological Survey Field Assistant	
GEOLOGIST	2103-11 2103-11	Chief Geologist Geologist	Tarya, a Ma
GEOLOGY	3103-15 3103-17	Geology Technical Officer Geology Technician	. 4
GEOPHYSICAL	3103-15	Geophysical Technical Officer	
GEOPHYSICIST	2103-13	Geophysicist	
GEOPHYSICS	3103-17	Geophysics Technician	
GERIATRIC	3401-99	Geriatric Care Nurse	
GERIATRICIAN	2303-99	Geriatrician	
GIFTED	2407-13	Teacher of Disabled or Gifted Students	
GILL	7421-11	Gill Box Operator	
GINNER	7421-13	Cotton Ginner	
GINNING	7421-01 7421-13	Supervisor, Cotton Ginning Machine Operators Cotton Ginning Bookman/woman	
GIRL/MAN	5101-11	Girl/Man Friday	
	4921-11 4921-11 4921-11 4921-11 4921-11 4921-13 4921-13 4921-13 4921-91 4921-91 4921-93 7417-01	Flat Glass Tradesperson Glass Beveller Glass Cutter Glass Embosser Glass Etcher Glass Silverer Glass Bender Glass Blower Glass Blowing Lathe Operator Apprentice Flat Glass Tradesperson Trainee Glass Blower Supervisor, Glass Furnace Operators Supervisor, Glass Production Machine Operator	S
	7417-11 7417-11 7417-11 7417-11 7417-11 7417-11 8199-31	Glass Furnace Operator Glass Laminating Operator Glass Maker Glass Melt Operator Glass Production Machine Operator Glass Toughening Operator Glass Mould Cleaner	

KEYWORD	CODE	TITLE
01.40011/405	0400 45	01
GLASSWARE	8109-15 8199-31	Glassware Verifier Glassware Process Assistant
GLAZIER	4921-11	Glazier
GLIDING	2505-21	Gliding Instructor
GLOVE	7427-13	Glove Sewer
GOAT	1401-99	Goat Farmer
GOLDSMITH	4923-15	Goldsmith
GOLF	4803-01	Golf Course Superintendent
GOODS	4917-11 4917-13 4917-91 4917-91 6201-19 6201-31 6201-99 6301-17	Leather Goods Maker Canvas Goods Maker Apprentice Canvas Goods Maker Apprentice Leather Goods Maker Sales Representative (Toys and Sporting Goods) Sales Representative (Household Goods and Domestic Hardware) Sales Representative (Musical Goods) Sales Assistant (Furniture, Floor Coverings and Household Goods)
GOVERNESS	6601-99	Governess
GOVERNMENT	1101-11 1201-11 1301-11	Government Minister Head of Government Department Treasurer (except government)
GOVERNOR	1101-99	Governor
GOVERNOR-GENERAL	1101-99	Governor-General
GRADER	3999-37 3999-37 7201-27 7413-99 8109-11 8109-11 8109-11	Fur Grader Leather Grader Grader Operator Machine Stress Grader Operator Meat Grader Milk and Cream Grader Product Grader Timber Grader
GRAIN	1401-11 1401-11 3913-13 7309-11 7431-11 8999-99	Grain, Oilseed and Pasture Farm Manager Grain, Oilseed and Pasture Grower Grain Buyer Grain Handler Grain and Cereal Processing Machine Operator Grain Binsman/woman
GRANULATOR	7411-11	Granulator Machine Operator
GRAPHIC	2805-13 4503-01 4503-91	Graphic Designer Supervisor, Graphic Reproduction Tradespersons Apprentice Graphic Reproduction Tradesperson
GRAVE	8407-11	Grave Digger
GRAVITY	3103-17	Gravity Prospecting Observer
GRAVURE	4503-11 4505-15	Gravure Plate Preparer Flexographic or Gravure Printing Machinist
GRAZIER	1401-17	Cattle Grazier
GREASE	7307-11	Grease Manufacturing Plant Operator
GREASER	7201-91 7303-13	Shovel Greaser Marine Greaser
GREENGROCERY	1501-11	Greengrocery Manager
GREENKEEPER	4803-01	Head Greenkeeper

KEYWORD	CODE	TITLE	
	4803-11 4803-91	Greenkeeper Apprentice Greenkeeper	
GRINDER	4503-13 7405-11 7409-99	Depositor and Grinder Metal Dresser and Grinder Rubber Roller Grinder Operator	
GRIP	8999-99	Grip	
GROCERY	8105-99	Grocery Packer	
GROOM	8201-11 8999-11	Horse Groom Animal Groom (except Horse)	
GROUND	2505-23 4211-11 4211-13 4211-15 4211-17 4211-19 4211-91	Ground School Instructor Aircraft Ground Engineer (Engines) Aircraft Ground Engineer (Airframes) Aircraft Ground Engineer (Electrical) Aircraft Ground Engineer (Radio) Aircraft Ground Engineer (Instruments) Apprentice Aircraft Ground Engineer	
GROUNDSMAN/WOMAN	4803-01 4803-11	Head Groundsman/woman Groundsman/woman	
GROUP	1319-15 6601-19	Group Captain Child Care Group Worker	
GROWER	1401-11 1401-13 1401-15 1401-21 1401-31 1401-33 1401-99	Grain, Oilseed and Pasture Grower Sugar Cane Grower Tobacco Grower Wool Grower Fruit and Nut Grower Vegetable Grower Commercial Flower Grower Cotton Grower	
GROWER'S	8201-99	Oyster Grower's Assistant	
GUARD	7499-19 8911-11 8911-13 8911-15	Airfield Defence Guard Railway Security Guard Security Guard Railway Guard	
GUARDS	8911-01	Supervisor, Guards and Security Officers	
GUIDANCE	2903-13	Educational Guidance Officer	
GUIDE	6699-13	Tourist Guide	
GUILLOTINE	4203-17 4507-11 7413-19	Guillotine Operator (Metal) Paper Guillotine Operator (Bookbinding) Veneer Guillotine Operator	Ŷ.
GUN	7407-23 7499-19	Gun Hand (Plastics) Gun Number	
GUNNER	7499-19	Quartermaster Gunner	
GUNSMITH	4213-19	Gunsmith	
GYNAECOLOGIST	2303-15	Obstetrician and Gynaecologist	

KEYWORD	CODE	TITLE
HAEMATOLOGIST	2303-37	Haematologist
HAEMATOLOGY	3101-13	Haematology Technician
HAIR	6699-15	Hair Remover
HAIRDRESSER	4927-11 4927-91	Hairdresser Apprentice Hairdresser
HAIRDRESSERS	4927-01	Supervisor, Hairdressers
HAIRDRESSING	1599-11	Hairdressing Establishment Managing Supervisor
HAMMERSMITH	4201-11	Hammersmith
HAND	4911-13 7407-21 7407-23 7429-11 7499-23 8199-11 8199-15 8199-15 8199-15 8199-15 8199-17 8199-17	Apparel Sample Hand Powder Hand (Plastics) Gun Hand (Plastics) Shoemaking Table Hand Printing Table Hand Metal Processing and Finishing Factory Hand Hardboard Factory Hand Joinery Factory Hand Particleboard Factory Hand Plywood Factory Hand Wood and Wood Products Factory Hand Pulp, Papermaking and Paper Products Factory Hand Clay Processing Factory Hand
	8199-23 8199-23 8199-25 8199-25 8199-25 8199-27 8199-27 8199-27 8199-29 8199-29 8199-41 8199-41	Munitions Factory Hand Paint Factory Hand Hand Laminator Lay-up Hand Mould Hand (Plastics) Rubber and Plastics Factory Hand Fellmongery Hand Flesher Hand Tannery Hand General Hand (Printing) Newspaper Press General Hand Baking Factory Hand Biscuit Factory Hand Bread Room Hand
	8199-43 8199-47 8201-11 8201-11 8201-11 8201-13 8201-15 8201-99 8205-11 8403-11 8411-11 8415-11 8907-11 8907-11 8925-11	Dairy Factory Hand Fruit and Vegetable Factory Hand Livestock and Field Crop Farm Hand Stable Hand Station Hand Stud Hand Fruit, Vegetable and Nut Farm Hand Shearing Shed Hand Poultry Farm Hand Nursery Hand (Horticulture) Concrete Extra Hand Survey Hand Cable Hand Mine Ventilation Hand Chiller Hand Stores Despatch Hand Barge Hand Ferry Hand
	8925-11 8999-99	Tug Hand Studio Hand
HANDICAPPER	3915-17	Handicapper (Racing)
HANDICRAFTS	2505-99	Handicrafts Teacher (Private)
HANDLER	7299-99 7309-11 7309-11	Military Aircraft Handler Bulk Fluids Handler Grain Handler

KEYWORD	CODE	TITLE OF BOARD
	8199-21 8909-11	Brick Handler Freight Handler (Road and Rail)
HANDLERS	8909-01	Supervisor, Freight and Furniture Handlers
HANDLING	7309-01 7309-11	Supervisor, Bulk Materials Handling Plant Operators Bulk Materials Handling Plant Operator
HANDS	8199-01 8201-01	Supervisor, Other Trades Assistants and Factory Hands Supervisor, Farm Hands and Assistants
HANDYMAN/WOMAN	8999-19	Handyman/woman
HANSARD	5101-15	Court and Hansard Reporter
HARDBOARD	7399-17 7399-17 8199-15	Hardboard Plant Operator Hardboard Press Operator Hardboard Factory Hand
HARDENER	7315-13 7315-13	Case Hardener Hardener
HARDWARE	1501-11 6201-25 6201-31 6301-11	Hardware Store Manager Sales Representative (Builders' Hardware) Sales Representative (Household Goods and Domestic Hardware) Sales Assistant (Hardware and Gardening Supplies)
HARDWOOD	8203-11	Hardwood Faller
HARVESTER	7209-11	Harvester Operator
HARVESTING	2107-25	Harvesting Manager (Forestry)
НАТ	4911-21	Hat Maker
HATCHERY	1401-25 8201-99	Hatchery Manager Hatchery Assistant
HAUL	7105-13	Haul Truck Driver
HAULER	7105-13	Log Hauler
HEAD	1101-99 1201-11 1313-11 1317-99 2503-01 2503-01 2503-01 4803-01 4805-01 6505-01 7413-11 8903-01	Head of Diplomatic Mission Head of Government Department Section Head (Public Service) Faculty Head Head of Department (TAFE) Head of School (TAFE) Head Teacher (TAFE) Head Greenkeeper Head Groundsman/woman Head Gardener Head Waiter/Waitress Head Sawyer Head Porter
HEADMASTER/MISTRESS	1317-11	Headmaster/mistress
HEALTH	1309-11 2799-11 3401-13 3401-13 3401-13 3905-21 3905-21 3905-29 3905-29 5303-11	Occupational Health and Safety Manager Health Data Administrator Maternal and Child Health Nurse Occupational Health Nurse Registered Community Health Nurse Health Inspector Health Surveyor Claims Assessor (except Health) Insurance Assessor (except Health) Health Insurance Assessor
HEARING	2407-13	Teacher of the Hearing Impaired
HEARTH	7315-11	Open Hearth Furnace Operator

KEYWORD	CODE	TITLE
HEAT	3299-11 7315-13	Heat Metal Technician Heat Treatment Furnace Operator
HEATING	3205-11	Heating and Ventilating Technical Officer
HEAVY	4103-11 4103-91	Mechanic (Diesel and Heavy Earthmoving Equipment) Apprentice Mechanic (Diesel and Heavy Earthmoving Equipment)
	4303-11 7105-13	Heavy Coil Winder Heavy Truck Driver
HEEL	7429-11	Heel Builder
HELICOPTER	3301-11 3303-25	Helicopter Pilot Helicopter Observer (Rescue)
HELPER	6607-11 8199-11	Home Helper Blast Furnace Helper
HELPERS	8921-01	Supervisor, Ward Helpers
HEMSTITCHING	7427-13	Hemstitching Machine Operator
HERBALIST	2399-99	Herbalist
HIDE	3913-13 3999-37 7423-01 7423-11 7423-11 8199-27	Hide and Skin Buyer Hide and Skin Classer Supervisor, Hide and Skin Processing Machine Operators Hide and Skin Fleshing Machine Operator Hide and Skin Processing Machine Operator Hide and Skin Processing Labourer
HIGH	1101-99 1103-13 2999-99	High Commissioner Justice of the High Court Clerk of High Court
HIRE	7103-11	Hire Car Driver
HISTOLOGIST	2107-11	Histologist
HISTOPATHOLOGIST	2303-37	Histopathologist
HISTOPATHOLOGY	3101-13	Histopathology Technician
HISTORIAN	2907-15 2907-15	Economic Historian Historian
HOE	7209-13	Rotary Hoe Operator
HOGGER	7413-99	Hogger Operator
HOIST	7313-01 7313-11	Supervisor, Hoist, Winch and Lift Operators Hoist, Winch and Lift Operator
HOLE	7317-11	Long Hole Drill Operator
HOME	6607-11 6607-11 8401-13	Home Companion Home Helper Home Improvements Installer
HOME-SCHOOL	2905-13	Home-School Liaison Officer
HOMEOPATH	2399-99	Homeopath
HORSE	1401-27 1401-27 1401-27 3915-17 4931-11 4931-99 8201-11 8999-11	Horse Breeder Horse Stud Farmer Horse Stud Manager Horse Racing Judge Horse Breaker Horse Trainer Horse Groom Animal Groom (except Horse)
HORTICULTURAL	2107-19 3103-27	Horticultural Scientist Horticultural Technician

KEYWORD	CODE	TITLE FOR BOOK STORE STORE STORE
	3103-29 3905-15	Horticultural Technical Officer Horticultural Inspector
HORTICULTURE	7209-13 8205-11 8205-11	Amenity Horticulture Machine Operator Nursery Assistant (Horticulture) Nursery Hand (Horticulture)
HORTICULTURIST	4805-13	Landscape Horticulturist
HOSPITAL	1201-11 2307-11 5601-15 5601-15 8301-15 8921-11 8921-11 8921-13	Hospital Administrator Hospital Pharmacist Hospital Admitting Clerk Hospital Ward Clerk Hospital Cleaner Hospital Orderly Hospital Porter Hospital Food Serviceperson
HOST/HOSTESS	6505-01	Dining Room Host/Hostess
HOSTEL	1505-99 6601-17	Hostel Manager Hostel Parent
HOTEL	8903-01 8903-11 8999-19 8999-19	Hotel Concierge Hotel Page Hotel Useful Hotel Yardman/woman
HOTEL/MOTEL	1505-11	Hotel/Motel Manager
HOTELIER	1505-11	Hotelier
HOUSE	1505-99 6601-17	Boarding House Manager House Parent
HOUSEHOLD	6201-31 6301-17	Sales Representative (Household Goods and Domestic Hardware) Sales Assistant (Furniture, Floor Coverings and Household Goods)
HOUSEKEEPER	8915-11 8915-11 8915-13	Accommodation and Lodging Housekeeper Executive Housekeeper Domestic Housekeeper
HOUSEMAN/MAID	8301-13	Houseman/maid
HOUSING	2603-99	Housing Counsellor
HOVERCRAFT	3305-11	Hovercraft Operator
HUNTER	8299-11	Hunter
HYDRAULIC	3205-13 7201-29 7399-11	Hydraulic Controls Technician Hydraulic Rock Breaker Operator Surface Hydraulic Fill Operator
HYDRO-ELECTRIC	7301-11	Hydro-electric Station Operator
HYDROFOIL	3305-11	Hydrofoil Operator
HYDROGRAPHER	3103-17	Hydrographer
HYDROGRAPHIC	2205-13	Hydrographic Surveyor
HYDROLOGICAL	3103-17	Hydrological Technician
HYDROLOGIST	2103-13	Hydrologist
HYDROMETALLURGICAL	2217-11	Hydrometallurgical Engineer
HYDROMETEOROLOGIST	2199-15	Hydrometeorologist
HYDROPONICS	3103-27	Hydroponics Technician
HYGIENE	3905-21	Industrial Hygiene Inspector
HYGIENIST	2999-99	Occupational Hygienist

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KEYWORD	CODE	TITLE
	2101-15	Destal Husianist
	3101-15	Dental Hygienist
HYPNOTIST	2817-13	Hypnotist

KEYWORD	CODE	TITLE
ICE	7431-25	Ice Confection Maker
ICE-CREAM	7431-25	Ice-Cream Maker
ILLUSTRATOR	2805-19	Illustrator
IMAGE	4503-15	Image Preparer (Printing)
IMMUNOLOGIST	2303-37	Immunologist
IMPAIRED	2407-13 2407-13	Teacher of the Hearing Impaired Teacher of the Visually Impaired
IMPERSONATOR	2817-13	Impersonator
IMPORT-EXPORT	1601-11 5503-13	Import-Export Business Manager Import-Export Clerk
IMPORTER-EXPORTER	1601-11	Importer-Exporter
IMPROVEMENTS	8401-13	Home Improvements Installer
INCINERATOR	7315-17	Incinerator Plant Operator
INDUSTRIAL	1103-19 1309-11 2217-13 2219-17 2303-99 2307-13 2799-13 2805-15 2903-15 2999-99 3905-21 3905-23 4405-11 7305-11 8107-11	Industrial Tribunal Member Personnel and Industrial Relations Manager Industrial Metallurgist Industrial Engineer Industrial Medicine Specialist Industrial Pharmacist Industrial Officer Industrial Relations Officer Industrial Designer Industrial Psychologist Industrial Registrar Industrial Hygiene Inspector Industrial Inspector Industrial Painter (Structures) Industrial Spray Painter Industrial Cleaner
INFANT	2403-11 3401-13	Infant School Teacher Infant Welfare Nurse
INFANT-PRIMARY	2403-01	Senior Teacher, Infant-Primary School
INFANTRYMAN	7499-19	Infantryman
INFECTIOUS	2303-41	Infectious Diseases Specialist
INFORMATION	1311-11 2703-11 5601-13	Information Systems Manager Information Officer (Public Relations) Information Desk Clerk
INJECTION	7407-15	Injection Moulding Machine Operator
INJURIES	2303-39 3401-99	Spinal Injuries Rehabilitation Specialist Spinal Injuries Nurse
INKER	7429-11	Inker Machine Operator (Shoemaking)
INQUIRY	3999-99 5601-13 5601-13	Inquiry Agent Inquiry Clerk Inquiry Officer
INSECT	2107-23	Insect Pathologist
INSEMINATION	3103-31	Artificial Insemination Technician
INSPECTOR	2905-13 3303-21 3905-11 3905-11	School Inspector Flight Engineer Inspector Building Inspector Electrical Installation Inspector Plumbing and Drainage Inspector

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	3905-13 3905-13 3905-13 3905-15 3905-15 3905-15 3905-15 3905-15 3905-15 3905-15 3905-15	Boilers and Pressure Vessels Inspector Lifts and Cranes Inspector Mines Inspector Safety Inspector Dairy Produce Inspector Fish Exports Inspector Horticultural Inspector Meat Inspector Primary Products Inspector Quarantine Inspector Sugar Cane Inspector
	3905-21 3905-21 3905-21 3905-23 3905-23 3905-25 3905-25 3905-25 3905-31	Locomotive Inspector Health Inspector Industrial Hygiene Inspector Water Quality Inspector Arbitration Inspector Industrial Inspector Boring Inspector Water Usage Inspector Bus Inspector Traffic Inspector
	3905-31 3905-99 3905-99 3905-99 3905-99 3905-99 3905-99 3905-99 5999-99 8109-13	Tram Inspector Fisheries and Wildlife Inspector Liquor Licensing Inspector Pest Control Inspector Pipeline Inspector Travel Accommodation Inspector Vermin and Noxious Weeds Inspector Weights and Measures Inspector Parking Inspector Equipment Assembly Inspector Quality Control Inspector
INCOPOTODO	8109-13	Vehicle Assembly Inspector
INSPECTORS INSTALLATION	3905-01 3905-11	Supervisor, Inspectors and Regulatory Officers Electrical Installation Inspector
INSTALLER	4311-99 4409-15 8401-11 8401-13 8401-13 8401-13 8401-13	Alarms Installer Septic Tank Installer Building Insulation Installer Awnings Installer Exterior Cladding Installer Home Improvements Installer Security Door Installer Shower Screen Installer
INSTITUTION	1507-11 5301-17	Financial Institution Branch Manager Branch Accountant (Financial Institution)
INSTRUCTOR	2505-19 2505-21 2505-21 2505-23 2505-99 2505-99 2505-99 2505-99	Driving Instructor Flying Instructor Gliding Instructor Ground School Instructor Aerobics Instructor Fitness Instructor Physical Fitness Instructor Sports Instructor
INSTRUMENT	2219-99 3201-13 4213-11 4213-11 4213-11 4303-11	Military Instrument Engineer Electrical Instrument Technician Instrument Fitter Precision Instrument Maker and Repairer Scientific Instrument Maker and Repairer Electrical Instrument Fitter Electronic Instrument and Control Tradesperson

KEYWORD	CODE	TITLE, The second of the secon	
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	4925-91 4925-99 4925-99	Apprentice Musical Instrument Maker and Repairer Musical Instrument Maker Stringed Instrument Repairer	
INSTRUMENTAL	2815-17	Instrumental Musician	
INSTRUMENTALIST	2815-17	Instrumentalist	
INSTRUMENTATION	3103-11 4399-99	Chemical Instrumentation Technical Officer Apprentice Electronic Instrumentation Tradesperson	
INSTRUMENTS	3303-19 4211-19 4211-19 4211-19 4211-19 4211-19	Airworthiness Surveyor (Electrical and Instruments) Aircraft Ground Engineer (Instruments) Aircraft Maintenance Engineer (Instruments) Aircraft Mechanic (Instruments) Examiner of Aircraft Instruments Licensed Aircraft Maintenance Engineer (Instrument)	s)
INSULATION	7399-25 7399-25 8401-11	Insulation Cupola Operator Insulation Maker Building Insulation Installer	
INSURANCE	3905-29 5303-01 5303-11 5303-11 6103-01 6103-11 6103-13	Insurance Assessor (except Health) Supervisor, Insurance and Broking Clerks Health Insurance Assessor Insurance Clerk Supervisor, Insurance Brokers and Agents Insurance Agent Insurance Underwriter Insurance Broker	
INTEGRATION	2407-11	Integration Teacher	
INTELLECTUALLY	2407-13	Teacher of the Intellectually Disabled	
INTELLIGENCE	2999-23	Intelligence Officer	
INTENSIVE	3401-99	Intensive Care Nurse	
INTERIOR	2805-17 3999-21	Interior Designer Interior Decorator	
INTERNATIONAL	2901-11	International Trade Economist	
INTERPRETER	2999-19 3207-15 6301-25	Interpreter Photographic Interpreter (Air Force) Automotive Parts Interpreter	
INTERVIEWER	5999-19 5999-19	Market Research Interviewer Survey Interviewer	
INVENTORY	5505-11	Inventory Clerk	
INVERFORM	7415-11	Inverform Machine Operator	
INVESTIGATOR	3905-19	Customs Investigator	
INVESTMENT	5301-13 6101-11 6101-99 6101-99	Investment Accounting Clerk Investment Dealer Investment Adviser Properties Investment Manager	
INVOICE	5301-13	Invoice Clerk	
IRON	7401-13 8109-15	Teemer (Iron and Steel) Iron Pellet Tester	
IRRIGATION	7399-29	Irrigation Supervisor	

KEYWORD	CODE	TITLE
JACKAROO	1401-91	Jackaroo
JANITOR	8913-11	Janitor
JEWELLER	4923-11 4923-91	Jeweller Apprentice Jeweller
JEWELLERY	4923-01 4923-91 6201-99 6301-99 8103-15 8103-15	Supervisor, Jewellery and Precious Metalware Tradespersons Apprentice Jewellery and Precious Metalware Tradesperson Sales Representative (Jewellery and Watches) Sales Assistant (Watches and Jewellery) Jewellery Assembler Jewellery Benchworker
JIG	4901-11	Jig Maker (Wood)
JIGMAKER	4101-11	Jigmaker (Metal)
JILLAROO	1401-91	Jillaroo
JOCKEY	2819-11 3915-13 3915-91	Disc Jockey Jockey Apprentice Jockey
JOINER .	4401-13 4401-91 4401-91	Joiner Apprentice Carpenter and Joiner Apprentice Joiner
JOINERS	4401-01	Supervisor, Carpenters and Joiners
JOINERY	4401-13 4401-13 8103-17 8199-15	Joinery Patternmaker Joinery Setter-out Joinery Assembler Joinery Factory Hand
JOINTER	4301-13 4311-15 4409-11	Electrical Cable Jointer Telecommunications Cable Jointer Pipe Jointer
JOINTER'S	8101-15	Cable Jointer's Assistant
JOURNALIST	2807-13 2807-91 2807-99	Radio Journalist Cadet Journalist Freelance Journalist
JUDGE	1103-13 3915-17	Judge Horse Racing Judge
JUDGE'S	2605-99	Judge's Associate
JUGGLER	2817-13	Juggler
JUICER	7431-15	Fruit and Vegetable Juicer Operator
JUMBO	7317-11	Jumbo Drill Operator
JUNIOR	2403-11	Junior Primary School Teacher
JUSTICE	1103-13	Justice of the High Court

KEYWORD	CODE	TITLE	-
KEEPER	7399-99	Lighthouse Keeper	
KELP	8299-99	Kelp and Seagrass Gatherer	
KENNELMAN/MAID	8999-11	Kennelman/maid	
KETTLEMAN/WOMAN	7315-11	Kettleman/woman	
KEY	7405-11	Key Cutter	
KEYBOARD	5201-13	Keyboard Operator-Assembler	
KILN	7315-01 7315-15 7315-15 7315-15 8199-21	Supervisor, Furnace and Kiln Operators Clay Products Kiln Operator Kiln Operator Timber Kiln Operator Kiln Labourer	
KINDERGARTEN	2401-11 2401-11 6601-11	Kindergarten Director Kindergarten Teacher Kindergarten Assistant	
KITCHENHAND	8919-11	Kitchenhand	
KNIFE	7405-11	Knife Sharpener	
KNITTING	7409-99 7425-15	Rubber Knitting Machine Operator Textile Knitting Machine Operator	
KNOCKERDOWN	8199-33	Knockerdown (Abattoir)	

KEYWORD	CODE	TITLE
LABELLER	7433-99	Machine Labeller
LABORATORY	2109-11 2109-11 3101-11 3101-13 7435-11	Clinical Laboratory Scientist Medical Laboratory Scientist Medical Laboratory Technical Officer Medical Laboratory Technician Photographic Laboratory Assistant
LABOUR	2901-11	Labour Economist
LABOURER	8199-11 8199-13 8199-15 8199-15 8199-17 8199-19 8199-21	Metal Processing and Finishing Labourer Sawmill Labourer Furniture Manufacturing Labourer Wood and Wood Products Labourer Pulp, Papermaking and Paper Products Labourer Cement and Concrete Plant Labourer Clay Processing Labourer
	8199-21 8199-23	Kiln Labourer Chemical Plant Labourer
	8199-23 8199-25 8199-27 8199-33 8199-99	Gas Plant Labourer Rubber and Plastics Products Labourer Hide and Skin Processing Labourer Meatworks Labourer Brushmaking Labourer
	8205-13	Garden Labourer
	8407-11 8409-11 8413-11 8413-11 8415-11 8415-11 8415-15 8415-15 8499-17	Earthmoving Labourer Paving and Surfacing Labourer Railway Labourer Tramway Labourer Mining Labourer Quarry Labourer Mineral Ore Processing Labourer Tailings Dam Labourer Builder's Labourer Building Construction Labourer
	8909-15	Wharf Labourer
LABOURERS	8203-01 8203-03 8409-01 8413-01	Supervisor, Forestry Labourers Supervisor, Logging Labourers Supervisor, Paving and Surfacing Labourers Supervisor, Railway Labourers
LADLE	7401-13	Casting Machine and Ladle Operator
LADLEMAN/WOMAN	7401-13	Ladleman/woman (Metals)
LADY/MAN	8919-11	Tea Lady/Man
LAGGER	8499-11	Lagger
LAMINATING	7413-23 7417-11	Wood Laminating Press Operator Glass Laminating Operator
LAMINATOR	7413-23 8199-25	Particleboard Laminator Operator Hand Laminator
LAMPMAN/WOMAN	8999-17	Lampman/woman
LAMPROOM	8999-17	Lamproom Attendant
LAND	2199-11	Land Degradation Analyst
LANDING	8203-15	Landing Operator (Logging)
LANDSCAPE	2201-13 4805-01 4805-13 4805-13 4805-91	Landscape Architect Supervisor, Landscape Gardeners Landscape Gardener Landscape Horticulturist Apprentice Landscape Gardener
LANGUAGE	2407-99	Teacher of English as a Second Language
LAPIDARY	3103-17	Lapidary Technician

KEYWORD	CODE	TITLE POR SOLUTION STATE OF SO
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	4923-13	Lapidary
LASER	2801-99	Laser Artist
LASTER	4915-11	Laster
LATHE	4901-11 4901-13 4921-13 7413-19	Copy Lathe Operator Wood Turning Lathe Operator Glass Blowing Lathe Operator Veneer Lathe and Slicer Operator
LAUNDROMAT	8917-11	Laundromat Attendant
LAUNDRY	1601-99 7499-17 8917-01 8917-11 8917-11	Laundry Manager Laundry Machine Operator Supervisor, Laundry Workers Laundry Worker Laundry Assistant
LAW	5907-13	Law Clerk
LAWN	8205-13	Lawn Mower
LAWNMOWER	4601-13	Lawnmower Mechanic
LAY-UP	8199-25	Lay-up Hand
LAYER	4413-11	Terrazzo Floor Layer
	4919-11	Carpet Layer
	7413-21 8403-11	Plywood Centre Layer Concrete Slab Layer
LAYERS	4919-01	Supervisor, Carpet Layers
LAYOUT	3999-17	Layout Artist
LEADBURNER	4409-13	Leadburner
	4409-91	Apprentice Leadburner
LEADER	2807-99	Leader Writer
	2815-11 3901-17	Band Leader Youth Leader
	6699-13	Tour Leader
LEADLIGHTER	4925-99	Leadlighter
LEASING	6105-13	Leasing Agent
LEATHER	3999-37	Leather Grader
	4917-01	Supervisor, Other Leather and Canvas Tradespersons
	4917-11	Leather Goods Maker
	4917-91 4917-91	Apprentice Leather Goods Maker Apprentice, Other Leather and Canvas Trades
	7423-11	Leather Drying Operator
	7423-11	Leather Finishing Machine Operator
	7423-11	Leather Measuring Operator
	7423-11	Leather Printing Operator
	7423-11	Leather Splitting and Shaving Machine Operator
LECTURER	2501-11	University or CAE Lecturer
LEDGER	5203-11	Ledger Machinist
LEGAL	2605-99 5101-11	Corporate Legal Officer Legal Secretary
	5907-13	Legal Clerk
LENS	4999-13	Ophthalmic Lens Surfacer and Fitter
LETTERPRESS	4503-11 4505-11	Letterpress Plate Maker Letterpress Printing Machinist
LEVERMAN/WOMAN	7413-99	Leverman/woman
LIAISON	2905-13	Home-School Liaison Officer

KEYWORD	CODE	TITLE
		,
LIBRARIAN	2799-11 2911-11 5401-11	Medical Record Librarian Librarian Computer Tape Librarian
LIBRARY	1399-99 3999-15 5401-01 5401-11 5401-11	Library Manager Library Technician Supervisor, Library and Filing Clerks Library Assistant Library Attendant
LIBRETTIST	2809-11	Librettist
LICENSED	1599-99 4211-11 4211-13 4211-15 4211-17 4211-19	Licensed Club Manager Licensed Aircraft Maintenance Engineer (Engines) Licensed Aircraft Maintenance Engineer (Airframes) Licensed Aircraft Maintenance Engineer (Electrical) Licensed Aircraft Maintenance Engineer (Radio) Licensed Aircraft Maintenance Engineer (Instruments)
LICENSING	3905-99	Liquor Licensing Inspector
LIEUTENANT	1319-15 1319-15	Flight Lieutenant Lieutenant (Navy)
LIFE	3103-25 3103-27 6103-11	Life Science Technical Officer Life Science Technician Life Assurance Representative
LIFEGUARD	8911-99	Lifeguard
LIFT	4399-01 4399-11 4399-11 7313-01 7313-11	Supervisor, Lift Mechanics Lift Electrician Lift Mechanic Supervisor, Hoist, Winch and Lift Operators Hoist, Winch and Lift Operator
LIFTS	3905-13	Lifts and Cranes Inspector
LIGHT	3903-19 8103-13	Light Technician Light Coil Winder
LIGHTHOUSE	7399-99	Lighthouse Keeper
LIGHTING	3299-99 3903-01	Lighting Design Drafting Officer Lighting Supervisor
LINE	4211-11 4211-13 4311-01 4311-15 4311-91 4409-13 8199-11	Line Maintenance Aircraft Engineer (Engines) Line Maintenance Aircraft Engineer (Airframes) Telecommunications Line Supervisor Telecommunications Line Serviceman/woman Telecommunications Line Serviceman/woman-in-Training Gas-main and Line Fitter Tinning Line Assistant
LINEMAN/WOMAN	4311-15 4311-15 4311-91	Radio Lineman/woman Telecommunications Lineman/woman Trainee Telecommunications Lineman/woman
LINEMAN/WOMAN-IN- TRAINING	4311-91	Telecommunications Lineman/woman-in-Training
LINEMAN/WOMAN'S	8101-15	Telecommunications Lineman/woman's Assistant
LINEMARKER	7299-99	Road Linemarker
LINEN	8917-11	Linen Sorter
LINER-OFF	4907-11	Metal Liner-off
LINESMAN/WOMAN	3915-19 4301-11 4301-91	Linesman/woman (Sport) Electrical Linesman/woman Trainee Electrical Linesman/woman
LINESMAN/WOMAN'S	8101-15	Electrical Power Linesman/woman's Assistant
LINGUIST	2907-99	Linguist

KEYWORD	CODE	TITLE: TO BOOK A STATE OF THE S
LINING	7419-99	Brake Lining Maker
LIQUID	4409-13	Liquid Petroleum Gasfitter
LIQUIDATOR	2701-11	Liquidator
LIQUIDS	7433-11	Liquids Filler
LIQUOR	3905-99	Liquor Licensing Inspector
LITHOGRAPHIC	4503-11 4505-13	Lithographic Plate Preparer Lithographic Printing Machinist
LIVESTOCK	3913-13 8201-11	Livestock Buyer Livestock and Field Crop Farm Hand
LOAD	5503-11	Aircraft Load Controller
LOADER	7201-19 7201-19 7309-11	Front-end Loader Operator Loader Operator (Earthmoving) Train Loader Operator
LOADING	5503-11 7309-01	Container Loading Clerk Supervisor, Fluids Loading and Unloading Plant Operators
LOADMASTER	3303-27	Loadmaster
LOADOUT	8415-15	Screen and Loadout Attendant
LOANS	3999-29 5301-19 5301-19	Credit and Loans Analyst Loans Clerk Loans Officer
LOCK	7399-29	Lock Master (Water Transport)
LOCKSMITH	4213-15 4213-91	Locksmith Apprentice Locksmith
LOCOMOTIVE	3905-17 7107-01 7107-11 7107-11 7107-11 7107-91 7107-91 7107-91	Locomotive Inspector Supervisor, Locomotive Drivers Locomotive Driver Locomotive Engineman/woman Underground Locomotive Driver Assistant Locomotive Driver Locomotive Observer Trainee Locomotive Driver
LODGING	8915-11	Accommodation and Lodging Housekeeper
LOFTSMAN/WOMAN	4907-11	Loftsman/woman (Marine)
LOG	7105-13 7413-15 8203-15	Log Hauler Log Preparer Log Chaser
LOGGER	2103-11	Mud Logger
LOGGING	7205-11 8203-03 8203-15 8203-15	Logging Plant Operator Supervisor, Logging Labourers Landing Operator (Logging) Logging Worker
LONG	7317-11	Long Hole Drill Operator
LONGWALL	7201-23	Longwall Miner Operator
LOOK-OUT	8203-13	Fire Look-out
LOOM	4103-15 7425-99	Loom Tuner Needle Loom Operator
LOSS	3905-29	Loss Adjuster
LUBRITORIUM	8101-99	Lubritorium Attendant
LUGGAGE	8903-01 8903-11	Supervisor, Luggage Porters Luggage Porter

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MACHINE		3903-11	Dubbing Machine Operator
		4103-11	Sewing Machine Mechanic
		4103-13	Machine Setter (Metal)
		4103-19	Machine Tool Operator (Metal)
		4103-91	Apprentice Sewing Machine Mechanic
		4203-17	Metal Bending Machine Operator
	w.c. w	4203-17	Sheetmetal Rolling Machine Operator
		4399-13	Amusement Machine Mechanic
		4399-13	Poker Machine Servicer
		4399-13	Vending Machine Servicer
		4901-11 5201-01	Woodworking Machine Setter Supervisor, Data Processing Machine Operators
		5201-99	Cryptographic Machine Operator
		5203-01	Supervisor, Bookkeeping Machine Operators
		5203-01	Supervisor, Business Machine Operators
		5203-11	Business Machine Operator
		7201-17	Trench-digging Machine Operator
		7201-23	Continuous Mining Machine Operator
		7201-23	Development Machine Miner
		7209-11	Cotton Picking Machine Operator
		7209-13	Amenity Horticulture Machine Operator
		7299-11	Railway Track Repair Machine Operator
		7401-01	Supervisor, Basic Metal Products Machine Operators
		7401-11	Machine Moulder
		7401-13	Casting Machine and Ladle Operator
		7401-15	Wire Drawing Machine Operator
		7405-11 7405-11	Forging Machine Operator Other Metal Products Machine Operators
		7405-11	Springmaking Machine Operator
		7407-01	Supervisor, Plastics Production Machine Operators
		7407-11	Cellular Plastics Machine Setter
		7407-11	Plastics Extruding Machine Setter
		7407-11	Plastics Moulding Machine Setter
		7407-11	Plastics Production Machine Setter
		7407-11	Thermoforming Machine Setter
		7407-13	Plastics Extruding Machine Operator
		7407-15	Blow Moulding Machine Operator
		7407-15	Compression Moulding Machine Operator
		7407-15	Injection Moulding Machine Operator
		7407-15	Plastics Moulding Machine Operator
		7407-15	Rotational Moulding Machine Operator
		7407-15	Thermoforming Machine Operator
		7407-17 7407-17	Cellular Plastics Machine Operator Plastics Foam Machine Operator
		7407-21	Plastics Blending Machine Operator
		7409-01	Supervisor, Rubber Production Machine Operators
		7409-11	Tyre Production Machine Operator
		7409-99	Rubber Knitting Machine Operator
		7411-01	Supervisor, Chemical Production Machine Operators
		7411-01	Supervisor, Explosives Production Machine Operators
		7411-01	Supervisor, Pharmaceuticals and Toiletries Production
			Machine Operators
		7411-11	Granulator Machine Operator
		7411-11	Pharmaceuticals and Toiletries Production Machine Operator
		7411-11	Tablet Making Machine Operator
		7411-13	Explosives Production Machine Operator
		7413-01	Supervisor, Plywood Making Machine Operators
		7413-01	Supervisor, Wood Processing Machine Operators
		7413-19	Veneer Production Machine Operator
		7413-19 7413-21	Veneer Splicing Machine Operator Plywood Production Machine Operator
		7413-21	Machine Stress Grader Operator
		7415-01	Supervisor, Paper and Paper Products Machine Operators
		7415-11	Fourdrinier Machine Operator
		7415-11	Inverform Machine Operator
		7415-11	Paperboard Machine Operator

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7415-11	Wet End Papermaking Machine Operator
7415-13	Dry End Papermaking Machine Operator
7415-15	Carton Making Machine Operator
7415-15	Paper Products Machine Operator
7417-01	Supervisor, Glass Production Machine Operators
7417-11	Glass Production Machine Operator
7419-01	Supervisor, Clay and Stone Processing Machine Operators
7419-01	Supervisor, Concrete Products Machine Operators
7419-01 7419-11	Supervisor, Fibre Cement Machine Operators Concrete Pipe Machine Operator
7419-11	Concrete Products Machine Operator
7419-13	Clay Products Machine Operator
7419-13	Clay, Brick and Tile Machine Operator
7419-15	Stone Processing Machine Operator
7419-21	Fibre-Cement Machine Operator
7421-01	Supervisor, Cotton Ginning Machine Operators
7421-01	Supervisor, Yarn Production Machine Operators
7421-11	Yarn Carding and Spinning Machine Operator
7421-11	Yarn Drawing Machine Operator
7421-11	Yarn Texture Machine Operator
7423-01	Supervisor, Hide and Skin Processing Machine Operators
7423-11 7423-11	Fellmongering Machine Operator Hide and Skin Fleshing Machine Operator
7423-11	Hide and Skin Processing Machine Operator
7423-11	Leather Finishing Machine Operator
7423-11	Leather Splitting and Shaving Machine Operator
7423-11	Sammying Machine Operator
7423-11	Staking Machine Operator
7423-11	Tanning Machine Operator
7423-11	Woolpulling Machine Operator
7425-01	Supervisor, Fabric Production Machine Operators
7425-11	Warp Machine Operator
7425-15	Textile Knitting Machine Operator
7425-17 7425-17	Bleaching Machine Operator Taxtile Dyeing and Finishing Machine Operator
7425-17	Textile Dyeing and Finishing Machine Operator Rope and Cord Making Machine Operator
7425-99	Fabric Bonding Machine Operator
7425-99	Tufting Machine Operator
7427-13	Hemstitching Machine Operator
7427-13	Pocket Welt Machine Operator
7429-11	Inker Machine Operator (Shoemaking)
7429-11	Shoemaking Machine Operator
7431-01	Supervisor, Food Processing Machine Operators
7431-11	Grain and Cereal Processing Machine Operator
7431-11 7431-13	Stockfeed Milling Machine Operator
7431-15	Sugar Processing Machine Operator Soft Drink and Syrup Making Machine Operator (except Dairy)
7431-17	Alcoholic Beverage Machine Operator
7431-19	Meat and Fish Processing Machine Operator
7431-19	Meat By-Products Machine Operator
7431-19	Smallgoods Machine Operator
7431-21	Milk Treatment Machine Operator
7431-99	Food Processing Machine Operators nec
7431-99	Frozen Food Machine Operator
7431-99	Fruit and Vegetable Peeling Machine Operator
7431-99	Pet Food Processing Machine Operator
7433-01 7433-11	Supervisor, Packaging Machine Operators
7433-11 7433-99	Bottling Machine Operator Baling and Compression Machine Operator
7433-99	Food Packaging Machine Operator
7433-99	Machine Labeller
7433-99	Strapping Machine Attendant
7435-01	Supervisor, Photographic Products Machine Operators
7499-01	Supervisor, Other Machine Operators
7499-13	Cigarette Making Machine Operator
7499-13	Tobacco Machine Attendant

KEYWORD	CODE	TITLE
	7499-15 7499-17	Dry Cleaning Machine Operator Folding Machine Operator
	7499-17	Laundry Machine Operator
	8199-29 8999-15	Printing Machine Assistant Poker Machine Attendant
	8999-15	Vending Machine Attendant
MACHINERY	7209-11 7431-19	Farm Machinery Operator Fish Plant and Machinery Operator
MACHINIST	4103-13	Aircraft Machinist
	4103-13 4103-13	Automotive Machinist Metal Machinist (First Class)
	4103-13	Milling Machinist
	4103-19	Metal Machinist (Second Class)
	4103-21 4103-91	Metal Machinist (Third Class) Apprentice Aircraft Machinist
	4103-91	Apprentice Automotive Machinist
	4103-91 4103-91	Apprentice Fitter, Turner and Machinist Apprentice Metal Fitter and Machinist
	4505-11	Letterpress Printing Machinist
	4505-13	Lithographic Printing Machinist
	4505-15 4505-17	Flexographic or Gravure Printing Machinist Newspaper Press Machinist (Metropolitan)
	4505-19	Small Offset Printing Machinist
	4505-91 4901-11	Apprentice Printing Machinist Wood Machinist (A-Grade)
	4901-15	Wood Machinist (B-Grade)
	4901-17	Wood Machinist (C-Grade)
	4901-91 5203-11	Apprentice Wood Machinist Accounting Machinist
	5203-11	Ledger Machinist
	7419-15 7427-11	Stonemasonry Machinist Buttonhole Machinist
	7427-11	Textile Sewing Machinist (Single Needle)
	7427-13	Textile Sewing Machinist (Multi Needle)
MACHINISTS	4103-01	Supervisor, Metal Fitters and Machinists
	4505-01 4901-01	Supervisor, Printing Machinists Supervisor, Wood Machinists and Turners
	7427-01	Supervisor, Textile Sewing Machinists
MACRO-ECONOMIST	2901-11	Macro-economist
MAGICIAN	2817-13	Magician
MAGISTRATE	1103-15	Magistrate
MAGISTRATE'S	5907-11	Magistrate's Clerk
MAGNETIC	3299-11	Magnetic Testing Technician
MAIL	5201-01 5201-15	Electronic Mail Controller Electronic Mail Operator
	5403-01	Supervisor, Mail Sorters
	5403-11 5505-15	Mail Sorter Mail Order Clerk
MAILS	5403-01	Overseer (Mails)
MAINTENANCE	2211-11	Electrical Maintenance Engineer
	3201-15	Radio Maintenance Officer
	4103-11 4211-01	Maintenance Fitter Supervisor, Aircraft Maintenance Engineers
	4211-11	Aircraft Maintenance Engineer (Engines)
	4211-11	Licensed Aircraft Maintenance Engineer (Engines)
	4211-11 4211-13	Line Maintenance Aircraft Engineer (Engines) Aircraft Maintenance Engineer (Airframes)
	4211-13	Licensed Aircraft Maintenance Engineer (Airframes)
	4211-13	Line Maintenance Aircraft Engineer (Airframes)

KEYWORD	CODE	TITLE
	4211-15	Aircraft Maintenance Engineer (Electrical)
	4211-15	Licensed Aircraft Maintenance Engineer (Electrical)
	4211-17	Aircraft Maintenance Engineer (Radio)
	4211-17	Licensed Aircraft Maintenance Engineer (Radio)
	4211-19	Aircraft Maintenance Engineer (Instruments)
	4211-19	Licensed Aircraft Maintenance Engineer (Instruments)
	4211-91	Apprentice Aircraft Maintenance Engineer
	8409-11	Road Maintenance Worker
MAITRE	6505-01	Maitre d'Hotel
MAJOR	3999-33 3999-33	Company Sergeant Major Regimental Sergeant Major
MAKE-UP	3903-99	Make-up Artist
MAKER	4101-11	Plastic Mould Maker
	4101-11	Press-Tool Maker
	4101-11	Tool and Die Maker
	4205-11	Template Maker
	4205-91	Apprentice Template Maker
	4213-11	Precision Instrument Maker and Repairer
	4213-11 4213-13	Scientific Instrument Maker and Repairer Watch and Clock Maker and Repairer
	4213-13	Saw Maker and Repairer
	4213-91	Apprentice Saw Maker and Repairer
	4401-11	Prop and Scenery Maker
	4503-11	Flexographic Plate Maker
	4503-11	Letterpress Plate Maker
	4503-11	Plate Maker(Printing)
	4607-11	Vehicle Body Maker
	4607-91	Apprentice Vehicle Body Maker
	4701-13	Smallgoods Maker
	4701-91	Apprentice Smallgoods Maker
	4703-15	Biscuit Maker
	4901-11	Jig Maker (Wood)
	4903-11	Coffin Maker
	4903-11	Custom Furniture Maker
	4905-13	Picture Frame Maker
	4905-17 4905-21	Cane Furniture Maker
	4905-21	Model Maker Apprentice Cane Furniture Maker
	4905-91	Apprentice Cane Furniture Maker
	4911-21	Hat Maker
	4913-13	Bedding and Mattress Maker
	4917-11	Leather Goods Maker
	4917-13	Canvas Goods Maker
	4917-91	Apprentice Canvas Goods Maker
	4917-91	Apprentice Leather Goods Maker
	4923-11	Ring Maker
	4925-91	Apprentice Musical Instrument Maker and Repairer
	4925-99	Musical Instrument Maker
	7305-11	Paint Maker
	7399-25	Insulation Maker
	7411-11	Soap Maker
	7411-11	Suture Maker
	7411-13	Bullet Maker
	7411-13	Fuse Maker
	7411-13	Nitrocellulose Maker
	7411-99	Candle Maker
	7417-11	Glass Maker
	7419-19	Fibrous Plaster Maker
	7419-19	Plasterboard Maker
	7419-99	Abrasive Wheel Maker
	7419-99 7431-11	Brake Lining Maker Breakfast Cereal Maker

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	7431-21	Custard Maker
	7431-21	Dried Milk Products Maker
	7431-21	Yogurt Maker
	7431-23	Margarine Maker
	7431-25	Gelato Maker
	7431-25	Ice Confection Maker
	7431-25	Ice-Cream Maker
	7431-27	Fruit Conserve and Sauce Maker
	7431-99	Vegemite Maker Yeast Maker
	7431-99	reast waker
MAKERS	4607-01	Supervisor, Vehicle Body Makers
	4701-01	Supervisor, Smallgoods Makers
	4905-01	Supervisor, Cane Furniture Makers
	4925-01	Supervisor, Musical Instrument Makers and Repairers
MAKING	7411-11	Tablet Making Machine Operator
	7413-01	Supervisor, Plywood Making Machine Operators
	7415-15	Carton Making Machine Operator
	7425-19	Rope and Cord Making Machine Operator
	7431-15	Soft Drink and Syrup Making Machine Operator (except Dairy)
	7499-13	Cigarette Making Machine Operator
MALTSTER	7431-11	Maltster
MAN/WOMAN	3905-99	Utility Man/Woman
MANAGEMENT	1319-15	Commissioned Defence Force Officer (Management)
	2799-99	Management Consultant
MANAGER	1201-11	General Manager
MARGEN	1201-11	Regional Manager
	1301-11	Finance Manager
	1303-11	Advertising Manager
	1303-11	Export Manager
	1303-11	Merchandise Manager
	1303-11	Sales and Marketing Manager
	1305-11	Plant Manager
	1305-11	Production Manager (Manufacturing and Mining)
	1305-11	Quality Control Manager
	1305-11 1305-13	Works Manager Studio Manager
	1307-11	Procurement Manager
	1307-11	Purchasing Manager
	1307-11	Shipping Manager
	1307-11	Supply and Distribution Manager
	1307-11	Supply Manager
	1307-11	Transport Manager
	1309-11	Manpower Manager
	1309-11	Occupational Health and Safety Manager
	1309-11	Organisation and Methods Manager
	1309-11	Personnel and Industrial Relations Manager
	1309-11 1311-11	Training Manager Data Processing Manager
	1311-11	Information Systems Manager
	1311-11	Operations Manager (Data Processing)
	1311-11	Systems Manager (Data Processing)
	1313-11	Public Policy Manager
	1313-11	Public Service Manager
	1399-11	Engineering Manager
	1399-13	Market Research Manager
	1399-13	Research and Development Manager
	1399-13	Research Manager
	1399-99	Library Manager
	1401-11	Grain, Oilseed and Pasture Farm Manager
	1401-13 1401-15	Sugar Cane Farm Manager Tobacco Farm Manager
	1401-15	Beef Cattle Farm Manager
	. 101 17	Jamo Farm managor

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1401-17	Beef Cattle Station Manager
1401-19	Dairy Farm Manager
1401-21	Sheep Farm Manager
1401-21	Sheep Station Manager
1401-23 1401-25	Pig Farm Manager Hatchery Manager
1401-25	Poultry Farm Manager
1401-27	Horse Stud Manager
1401-29	Mixed Farm Manager
1401-31	Fruit and Nut Farm Manager
1401-33	Vegetable Farm Manager
1401-91	Trainee Farm Manager
1501-11	Bookshop Manager
1501-11	Delicatessen Manager
1501-11 1501-11	Dry Cleaning Establishment Manager Greengrocery Manager
1501-11	Hardware Store Manager
1501-11	Milk Bar Manager
1501-11	Newsagency Manager
1501-11	Service Station Manager
1501-11	Shop Manager
1501-11	Supermarket Manager
1501-11	Take Away Food Outlet Manager
1503-11 1505-11	Canteen Manager Hotel/Motel Manager
1505-11	Resort Manager
1505-11	Tavern Manager
1505-13	Caravan Park Manager
1505-99	Boarding House Manager
1505-99	Hostel Manager
1507-11	Bank Manager
1507-11	Building Society Manager
1507-11	Credit Union Manager
1507-11 1599-13	Financial Institution Branch Manager Sports Centre Manager
1599-17	Real Estate Agency Manager
1599-99	Beauty Parlour Manager
1599-99	Licensed Club Manager
1599-99	Stock and Station Agency Manager
1599-99	Stockbroking Firm Manager
1599-99	TAB Manager
1601-11	Import-Export Business Manager
1601-13 1601-99	Building and Construction Manager Laundry Manager
2107-25	Forest Manager
2107-25	Harvesting Manager (Forestry)
2811-21	Floor Manager (Television)
2811-21	Stage Manager
3905-99	Postal Services Field Manager
6101-99	Properties Investment Manager
6105-13	Real Estate Property Manager
6301-01 6503-01	Sales Department Manager Bar Manager
0000 01	Dar Manager
1201-11	Managing Director
1201-11	Managing Editor
1503-11 1599-11	Restaurant and Catering Managing Supervisor Hairdressing Establishment Managing Supervisor
6699-15	Manicurist
1309-11	Manpower Manager
5603-11	Manual Assistant (Telecom)
1601-19	Manufacturer
1305-11	Production Manager (Manufacturing and Mining)

MANAGING

MANICURIST MANPOWER MANUAL

MANUFACTURER MANUFACTURING

KEYWORD	CODE	TITLE
	7307-11	Grease Manufacturing Plant Operator
	7435-01	Supervisor, Photographic Film Manufacturing Operators
	7435-13 8199-15	Photographic Film Manufacturing Operator Furniture Manufacturing Labourer
MARGARINE	7431-23 7431-23	Margarine Blender Margarine Maker
MARINE	1399-99	Marine Engineer Superintendent
	3305-11	Marine Pilot
	3307-11	Marine Engineer
	3307-13 3307-15	Marine Engineer Surveyor Marine Surveyor
	3307-13	Cadet Marine Engineer
	3307-91	Trainee Marine Engineer
	4907-01	Supervisor, Marine Construction Tradespersons
	4907-11	Loftsman/woman (Marine)
	4907-91	Apprentice Marine Construction Tradesperson
	6609-01	Chief Marine Steward
	6609-13	Marine Steward
	7303-13 7303-13	Marine Engine and Boiler Operator Marine Greaser
MARKER	3103-27	Tree Marker
WARREN	8199-11	Metal Processing Marker
MARKET	1399-13	Market Research Manager
	1401-33	Market Gardener
	2907-99	Market Research Analyst
	5999-19	Market Research Interviewer
	6101-99	Money Market Dealer
MARKETING	1303-11 2703-11	Sales and Marketing Manager Marketing Officer
MARRIAGE	2603-13	Marriage Counsellor
	6699-99	Marriage Celebrant
MASON	4999-15	Monumental Mason
MASSEUR/MASSEUSE	6699-17	Masseur/Masseuse
MASTER	2999-99	Master of the Court
	3305-11	Dredge Master
	3305-11	Ferry Master
	3305-11 3305-11	Fishing Vessel Master Ship's Master
	3305-11	Trawler Master
	3305-11	Tug Master
	3305-15	Master Fisherman/woman
	7317-01	Master Driller
	7399-29	Lock Master (Water Transport)
MASTER/MISTRESS	1401-27 1599-21	Stud Master/Mistress Railway Station Master/Mistress
MATCHER	4911-17	Fur Matcher
MATE	3305-13	Ship's Mate
MATERIALS	2217-15	Materials Engineer
	2217-17	Materials Scientist
	6501-11	Scrap Materials Buyer
	7309-01	Supervisor, Bulk Materials Handling Plant Operators
	7309-11	Bulk Materials Handling Plant Operator
MATERNAL	3401-13	Maternal and Child Health Nurse
MATHEMATICAL	2909-13	Mathematical Statistician
MATHEMATICIAN	2909-11	Mathematician
MATRON	1315-11	Matron

KEYWORD	CODE	TITLE I'M MADE COLORS
MATTRESS	4913-13	Bedding and Mattress Maker
MAYOR/MAYORESS	1101-99	Mayor/Mayoress
MEASURES	3905-99	Weights and Measures Inspector
MEASURING	7423-11	Leather Measuring Operator
MEAT	1401-25	Chicken Meat Producer
	3905-15	Meat Inspector
	4701-01	Supervisor, Meat Tradespersons
	4701-91	Apprentice Meat Tradesperson
	7431-19	Meat and Fish Processing Machine Operator
	7431-19 7431-19	Meat By-Products Machine Operator
	7431-19	Meat Mincer Operator Meat Pickler
	7431-19	Meat Smokehouse Operator
	8105-11	Meat Packer
	8105-11	Meat Wrapper
	8109-11	Meat Grader
	8199-35	Meat Boner and Slicer
	8199-35	Meat Trimmer
MEATWORKS	8199-33	Meatworks Labourer
MECHANIC	4103-11	Mechanic (Diesel and Heavy Earthmoving Equipment)
	4103-11	Plant Mechanic
	4103-11	Sewing Machine Mechanic
	4103-15	Textile Mechanic
	4103-91	Apprentice Mechanic (Diesel and Heavy Earthmoving Equipment)
	4103-91	Apprentice Sewing Machine Mechanic
	4103-91	Apprentice Textile Mechanic
	4211-11	Aircraft Mechanic (Engines)
	4211-13	Airframe Mechanic
	4211-17 4211-19	Aircraft Mechanic (Radio) Aircraft Mechanic (Instruments)
	4211-19	Apprentice Aircraft Mechanic
	4307-11	Air-Conditioning Mechanic
	4307-13	Refrigeration Mechanic
	4307-91	Apprentice Refrigeration and Air-Conditioning Mechanic
	4309-11	Electrical Mechanic
	4309-91	Apprentice Electrical Mechanic
	4313-11	Radio Mechanic
	4313-11	Television Mechanic
	4315-11 4399-11	Business Equipment Mechanic Lift Mechanic
	4399-13	Amusement Machine Mechanic
	4601-11	Automotive Air-Conditioning Mechanic
	4601-11	Brake Mechanic
	4601-11	Diesel Motor Mechanic
	4601-11	Motor Mechanic
	4601-13	Lawnmower Mechanic
	4601-13	Motorcycle Mechanic
	4601-13	Outboard Motor Mechanic
	4601-13 4601-91	Small Engine Mechanic Apprentice Brake Mechanic
	4601-91	Apprentice Diake Mechanic
	4601-91	Apprentice Motor Mechanic
	4601-91	Apprentice Motorcycle Mechanic
	4601-91	Apprentice Small Engine Mechanic
	4999-11	Dental Mechanic
	4999-13	Optical Mechanic
	4999-29	Armament Mechanic
	4999-91	Apprentice Dental Mechanic
	4999-91	Apprentice Optical Mechanic
	4999-99 7299-99	Chainsaw Mechanic
	/ 235-33	Recovery Mechanic (Army)

KEYWORD	CODE	TITLE
MECHANIC'S	8101-99	Motor Mechanic's Trades Assistant
MECHANICAL	2213-11 2213-11 3205-11 3205-11	Chief Mechanical Engineer Mechanical Engineer Mechanical Engineering Associate Mechanical Engineering Design Draftsperson
	3205-11 3205-11 3205-13 3205-13	Mechanical Engineering Drafting Officer Mechanical Engineering Technical Officer Mechanical Detail Draftsperson Mechanical Engineering Drafting Assistant
	3205-13 7201-23	Mechanical Engineering Technician Mechanical Bogger Operator
MECHANICS	4307-01 4309-01 4399-01 4601-01	Supervisor, Refrigeration and Air-Conditioning Mechanics Supervisor, Electrical Mechanics Supervisor, Lift Mechanics Supervisor, Vehicle Mechanics
MEDIA	1305-13 2703-11	Producer (Media) Media Officer
MEDICAL	1201-11 2109-11 2109-13 2301-11 2303-99 2321-11 2321-13 2799-11 2799-11 3101-11 3101-13 6201-15	Medical Superintendent Medical Laboratory Scientist Medical Physicist General Medical Practitioner Medical Oncologist Medical Diagnostic Radiographer Medical Therapeutic Radiographer Medical Record Administrator Medical Record Librarian Medical Laboratory Technical Officer Medical Laboratory Technician Sales Representative (Medical, Dental and Veterinary
MEDICINE	2303-23 2303-39 2303-99 2303-99 2321-15 2399-99	Equipment) Nuclear Medicine Specialist Specialist in Rehabilitation Medicine Industrial Medicine Specialist Occupational Medicine Specialist Nuclear Medicine Technologist Chinese Medicine Specialist
MELT	7417-11	Glass Melt Operator
MELTHOUSE	7431-13	Sugar Melthouse Attendant
MEMBER	1101-11 1103-17 1103-19	Member of Parliament Administrative Appeals Tribunal Member Industrial Tribunal Member
MENDER	7425-21	Textile Products Mender
MENTAL	3401-17	Registered Mental Retardation Nurse
MERCHANDISE	1303-11	Merchandise Manager
MERCHANT	3305-11 6501-11	Merchant Ship's Captain Scrap Merchant
MESS	1503-11	Mess Supervisor (Defence Forces)
MESSENGER	5605-11	Messenger
MESSENGERS	5605-01	Supervisor, Messengers and Delivery Officers
METAL	3299-11 4101-11 4103-01 4103-13 4103-13	Heat Metal Technician Jigmaker (Metal) Supervisor, Metal Fitters and Machinists Machine Setter (Metal) Metal Machinist (First Class) Radial Driller (Metal)
	4103-13	Metal Machinist (First Class)

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	4103-19	Metal Machinist (Second Class)
	4103-21	Metal Machinist (Third Class)
	4103-91	Apprentice Metal Fitter and Machinist
	4203-01	Supervisor, Metal Spinners
	4203-15	Metal Spinner
	4203-17	Guillotine Operator (Metal)
	4203-17	Metal Bending Machine Operator
	4203-91	Apprentice Metal Spinner
	4205-11	Metal Fabricator
	4205-11	Metal Fabricator-Welder
	4205-13	Structural Metal Fabricator
	4205-91	Apprentice Metal Fabricator
	4207-01	Supervisor, Metal Casting Tradespersons
	4207-11	Metal Casting Patternmaker
	4207-13	Metal Moulder
	4207-91	Apprentice Metal Casting Patternmaker
	4207-91	Apprentice Metal Casting Tradesperson
	4209-01	Supervisor, Metal Finishing Tradespersons
	4209-11	Metal Polisher
		Metal Plater
	4209-15	
	4209-91	Apprentice Metal Finishing Tradesperson
	4209-91	Apprentice Metal Polisher
	4213-01	Supervisor, Precision Metal Tradespersons
	4213-91	Apprentice Precision Metal Tradesperson
	4907-11	Metal Liner-off
	4923-15	Precious Metal Smith
		Metal Roller
	7399-13	
	7399-13	Metal Rolling Mill Operator
	7401-01	Supervisor, Basic Metal Products Machine Operators
	7401-13	Metal Pourer
	7401-17	Metal Extrusion Press Operator
	7403-11	Metal Press Operator
	7405-11	Metal Dresser and Grinder
	7405-11	Metal Sprayer
	7405-11	Other Metal Products Machine Operators
	8101-11	Metal Forger's Assistant
	8101-11	Metal Moulder's Assistant
	8101-11	Metal Trades Assistant
	8103-11	Metal and Metal Products Assembler
	8103-11	Metal Window Assembler
	8109-13	Metal Products Viewer
	8199-11	Metal Dipper
	8199-11	Metal Processing and Finishing Factory Hand
	8199-11	Metal Processing and Finishing Labourer
	8199-11	Metal Processing Marker
METAL-INERT-GAS	4205-19	Metal-Inert-Gas Welder
METALLOCDADUED	2217 12	Matallaguaghan
METALLOGRAPHER	2217-13	Metallographer
METALLURGICAL	2217-15	Metallurgical Engineer
WETALLONGICAL		
	3299-11	Metallurgical Technician
METALLURGIST	2217-11	Extractive Metallurgist
WETALLONGIOT	2217-11	Primary Metallurgist
	2217-13	Industrial Metallurgist
	2217-13	Physical Metallurgist
	2217-13	Quality Control Metallurgist
	2217-13	Radiological Metallurgist
	2217-13	Secondary Metallurgist
METALS	7315-11	Metals Furnace Operator
	7401-13	Ladieman/woman (Metals)
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METALWARE	4923-01	Supervisor, Jewellery and Precious Metalware Tradespersons
	4923-91	Apprentice Jewellery and Precious Metalware Tradesperson
METEOROLOGICA	0100 45	Managed State Tracket 1 Offi
METEOROLOGICAL	3103-15	Meteorological Technical Officer
	3103-17	Meteorological Observer

KEYWORD	CODE	TITLE
METEOROLOGIST	2199-15 2199-15	Meteorologist Research Meteorologist
METER	5999-11 5999-11 8999-99	Meter Reader Meter Records Clerk Parking Meter Collector
METHODS	1309-11 2219-17 2799-15	Organisation and Methods Manager Methods Engineer Organisation and Methods Analyst
METROPOLITAN	4505-17	Newspaper Press Machinist (Metropolitan)
MICROBIOLOGIST	2107-99 2303-37	Microbiologist Clinical Microbiologist
MICROBIOLOGY	3101-13 3103-25	Clinical Microbiology Technician Microbiology Technical Officer
MICROFICHE	7435-11	Microfiche Reproduction Operator
MICROPHONE	3903-99	Microphone Boom Operator
MIDSHIPMAN	1319-91	Midshipman
MIDWIFE	3401-15	Registered Midwife
MILITARY	1307-11 2219-99 2219-99 2903-15 2999-99 3303-25 3999-33 4999-29 6699-99 7299-99	Military Supply Officer Military Armament Engineer Military Instrument Engineer Military Psychologist Military Personnel Selection Assessor Aircraft Crewman/woman (Military and Rescue) Military Disciplinary Supervisor Military Explosives Technician Military Steward Military Aircraft Handler Military Weapons Operator
MILK	1501-11 6501-13 7431-21 7431-21 8109-11 8199-43	Milk Bar Manager Milk Vendor Dried Milk Products Maker Milk Treatment Machine Operator Milk and Cream Grader Milk Processing Worker
MILL	7303-11 7399-13 7399-13	Sugar Mill Engine Driver Metal Rolling Mill Operator Rolling Mill Assistant
MILLER	4799-11 4799-11 4799-93	Miller Stockfeed Miller Trainee Miller
MILLERS	4799-01	Supervisor, Millers
MILLINER	4911-21	Milliner
MILLING	4103-13 7431-11	Milling Machinist Stockfeed Milling Machine Operator
MIME	2817-99	Mime
MINCER	7431-19	Meat Mincer Operator
MINDER	6601-15	Child Minder
MINE	3299-99 3299-99 3299-99 7313-11 8415-11	Mine Deputy Mine Undermanager Mine Ventilation Officer Mine Cage Attendant Mine Sampler Mine Ventilation Hand

KEYWORD	CODE	TITLE
MINER	4909-13	Stope Miner
	7201-23 7201-23	Development Machine Miner Longwall Miner Operator
	8415-11	Opal Miner
	8415-11	Salvage Miner
MINERAL	3103-17	Mineral Separation Technician
	7399-11	Mineral Ore Treating Plant Operator
	8415-15	Mineral Ore Processing Labourer
MINES	3905-13	Mines Inspector
MINING	1305-11	Production Manager (Manufacturing and Mining)
	2215-11 2215-11	Chief Mining Engineer
	3299-99	Mining Engineer (except Petroleum) Mining Detail Draftsperson
	3299-99	Mining Technician
	7201-01	Shift Boss (Mining)
	7201-21	Mining Shovel Operator
	7201-21	Open Cut Mining Plant Operator
	7201-23 8415-11	Continuous Mining Machine Operator Mining Labourer
	8415-11	Roof Bolter (Mining)
	8415-11	Timberman/woman (Mining)
MINISTER	1101-11	Government Minister
	1101-11	Prime Minister
	2607-11	Minister of Religion
	2607-11	Student Minister
MISSION	1101-99	Head of Diplomatic Mission
MIXED	1401-29 1401-29	Mixed Farm Manager Mixed Farmer
MIXER	3903-11	Re-recording Mixer
	3903-11	Sound Mixer
	3903-15	Vision Mixer
	7105-13 7411-13	Concrete Mixer Driver Explosives Mixer Operator
	7411-13	Soft Drink Mixer
MIXING	3903-11	Dubbing Projectionist (Sound Mixing)
MODEL	4905-21	Model Maker
	4905-91	Apprentice Model Maker
	6599-99	Model
MOLECULAR	2107-15	Molecular Biologist
MONEY	6101-99 8999-99	Money Market Dealer Public Telephone Money Collector
MONKEY	4909-11	Powder Monkey
MONKEY'S	8101-99	Powder Monkey's Assistant
MONUMENTAL	4999-15	Monumental Mason
MORPHOLOGIST	2107-11 2107-19	Animal Morphologist Plant Morphologist
MORTARMAN	7499-19	Mortarman
MORTICIAN	6699-11	Mortician
MOSAIC	4413-11	Mosaic Tiler
MOTHERCRAFT	6603-11	Mothercraft Nurse
MOTHERHOOD	6603-11	Motherhood Nurse
MOTION	3903-13	Motion Picture Camera Operator
	4999-17	Motion Picture Projectionist

KEYWORD	CODE	TITLE	
MOTOR	3307-11 4601-11 4601-11 4601-13 4601-91 4601-91 6301-19 8101-99 8301-21	Motor Vessel Engineer Officer Diesel Motor Mechanic Motor Mechanic Outboard Motor Mechanic Apprentice Diesel Motor Mechanic Apprentice Motor Mechanic Sales Assistant (Caravans and Motor Vehicles) Motor Mechanic's Trades Assistant Motor Vehicle Cleaner	
MOTORCYCLE	4601-13 4601-91	Motorcycle Mechanic Apprentice Motorcycle Mechanic	
MOTORMAN/WOMAN	7303-11	Motorman/woman (Fluids Drilling)	
MOULD	4101-11 8199-25 8199-31	Plastic Mould Maker Mould Hand (Plastics) Glass Mould Cleaner	٠
MOULDER	4207-13 4207-13 4207-91 7401-11 7411-11 7413-99 7419-11 7419-21	Metal Moulder Moulder and Coremaker Apprentice Moulder and Coremaker Machine Moulder Toiletries Moulder and Compressor Sawmill Moulder Operator Concrete Pre-cast Moulder Fibre-Cement Moulder	
MOULDER'S	8101-11	Metal Moulder's Assistant	
MOULDING	7407-11 7407-15 7407-15 7407-15 7407-15 7407-15	Plastics Moulding Machine Setter Blow Moulding Machine Operator Compression Moulding Machine Operator Injection Moulding Machine Operator Plastics Moulding Machine Operator Rotational Moulding Machine Operator	
MOWER	8205-13	Lawn Mower	
MUD	2103-11 2215-13	Mud Logger Mud Engineer	
MUFFLER	8923-11	Muffler Fitter	
MULTI	7427-13	Textile Sewing Machinist (Multi Needle)	
MULTI-CULTURAL	2407-99	Teacher of Multi-cultural Studies	
MUNICIPAL	2209-11	Municipal Engineer	
MUNITIONS	8199-23	Munitions Factory Hand	
MUSEUM	3999-13	Museum and Art Gallery Technician	
MUSIC	2505-13 2815-11 2815-99 2815-99	Music Teacher (Private) Music Director Music Arranger Music Copyist	
MUSICAL	4925-01 4925-91 4925-99 6201-99 6301-99	Supervisor, Musical Instrument Makers and Repairers Apprentice Musical Instrument Maker and Repairer Musical Instrument Maker Sales Representative (Musical Goods) Sales Assistant (Musical Equipment and Supplies)	
MUSICIAN	2815-17	Instrumental Musician	
MUSTERER	8201-11	Musterer	
MYCOLOGICAL	3103-27	Mycological Technician	

KEYWORD	CODE	TITLE: The first to the first t
NANNY	6601-99	Nanny
NATUROPATH	2399-99	Naturopath
NAVAL	1201-11 2219-15	Naval ranks above and including Commodore Naval Architect
NAVIGATING	3305-13	Ship's Navigating Officer
NAVIGATOR	3303-23	Aircraft Navigator
NAVY	1319-15 3303-23 3305-13 7499-19	Lieutenant (Navy) Observer (Navy) Seaman Officer (Navy) Fire Controller (Navy)
NEEDLE	7425-99 7427-11 7427-13	Needle Loom Operator Textile Sewing Machinist (Single Needle) Textile Sewing Machinist (Multi Needle)
NEGATIVE	7435-11	Negative Producer and Cutter
NEIGHBOURHOOD	3901-11	Neighbourhood Centre Coordinator
NEPHROLOGIST	2303-99	Nephrologist
NEUROANATOMIST	2107-11	Neuroanatomist
NEUROLOGIST	2303-99	Neurologist
NEUROPHYSIOLOGICAL	3101-99	Neurophysiological Technician
NEUROPSYCHOLOGIST	2903-11	Neuropsychologist
NEUROSURGEON	2303-35	Neurosurgeon
NEUROSURGICAL	3401-99	Neurosurgical Nurse
NEWS	2807-01 2807-13 2807-13	News Editor News Correspondent Roundsman/woman (News)
NEWSAGENCY	1501-11	Newsagency Manager
NEWSBOY/GIRL	6501-17	Newsboy/girl
NEWSPAPER	4505-17 8199-29	Newspaper Press Machinist (Metropolitan) Newspaper Press General Hand
NEWSPAPERS	6301-21	Sales Assistant (Stationery, Newspapers and Books)
NIGHT	8911-13	Night Watchman/woman
NITROCELLULOSE	7411-13	Nitrocellulose Maker
NON-DESTRUCTIVE	3299-11	Non-Destructive Testing Technician
NOSE	2303-31	Ear, Nose and Throat Specialist
NOVELIST	2809-11	Novelist
NOXIOUS	3905-99	Vermin and Noxious Weeds Inspector
NUCLEAR	2303-23 2321-15	Nuclear Medicine Specialist Nuclear Medicine Technologist
NUMBER	5503-99 7499-19	Railway Number Taker Gun Number
NURSE	1315-11 2505-25 2505-25 3401-01 3401-11 3401-13 3401-13	Nurse Administrator Clinical Nurse Teacher Nurse Educator Charge Nurse Registered General Nurse Domiciliary Nurse Infant Welfare Nurse Maternal and Child Health Nurse

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	3401-13 3401-13 3401-17 3401-19 3401-91 3401-99 3401-99 3401-99 3401-99 3401-99 3401-99 3401-99 6603-11 6603-11 6603-11 6603-11 8921-15 8999-23	Occupational Health Nurse Registered Community Health Nurse Registered Mental Retardation Nurse Registered Psychiatric Nurse Student Registered Nurse Student Registered Psychiatric Nurse Coronary Care Nurse Geriatric Care Nurse Intensive Care Nurse Neurosurgical Nurse Oncological Nurse Operating Theatre Nurse Paediatric Nurse Spinal Injuries Nurse Enrolled Nurse Mothercraft Nurse Mothercraft Nurse Student Enrolled Nurse Dental Nurse Nurse Attendant Animal Nurse Veterinary Nurse
NURSERY	4801-01 6601-15 8205-11 8205-11	Supervisor, Plant Nursery Children's Nursery Assistant Nursery Assistant (Horticulture) Nursery Hand (Horticulture)
NURSERYMAN/WOMAN	4801-11 4801-91	Nurseryman/woman Apprentice Nurseryman/woman
NURSERYMEN/WOMEN	4801-01	Supervisor, Nurserymen/women
NURSES'	6603-11	Nurses' Aide
NURSING	1315-11 1315-11 3401-01 8921-15	Director of Nursing Nursing Superintendent Nursing Supervisor Nursing Assistant
NUT	1401-31 1401-31 8201-13 8201-13	Fruit and Nut Farm Manager Fruit and Nut Grower Fruit, Vegetable and Nut Farm Hand Fruit, Vegetable and Nut Picker
NUTRITIONIST	2107-23 2399-13	Animal Nutritionist Nutritionist

KEYWORD	CODE	TITLE - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
OBSERVER	3103-17 3103-17 3103-17 3303-23 3303-25 3303-25	Gravity Prospecting Observer Meteorological Observer Seismic Prospecting Observer Observer (Navy) Air Observer (Rescue) Helicopter Observer (Rescue)
	7107-91	Locomotive Observer
OBSTETRICIAN	2303-15	Obstetrician and Gynaecologist
OCCUPATIONAL	1309-11 2303-99 2309-11 2903-15 2999-99 3401-13	Occupational Health and Safety Manager Occupational Medicine Specialist Occupational Therapist Occupational Psychologist Occupational Hygienist Occupational Health Nurse
OCEANOGRAPHER	2103-13	Physical Oceanographer
OENOLOGIST	2999-99	Oenologist
OFFAL	8199-33	Offal Separator
OFFICE	4315-01 4315-11 4315-91 4315-91 5101-01 5101-13 5905-13 6301-21 6301-99 6403-13 8301-13	Supervisor, Office Equipment and Computer Servicers Office Equipment Servicer Apprentice Office Equipment and Computer Servicer Trainee Office Equipment and Computer Servicer Supervisor, Office Secretaries and Stenographers Office Secretary Office Stenographer Employment Office Clerk Sales Assistant (Office Supplies) Sales Assistant (EDP and Office Equipment) Office Cashier Office Cleaner
OFFICER	1307-11 1319-13 1319-15 1319-91 1319-91 2107-27 2605-99 2607-11 2703-11 2703-11 2703-11 2703-11 2703-11 2703-11 2703-11 2703-11 2703-11 2705-11 2705-11 2705-11 2705-13 2705-15 2799-13 2799-13 2799-15 2811-13 2903-13 2905-11	Military Supply Officer Commissioned Police Officer Commissioned Fire Officer Commissioned Defence Force Officer (Management) Officer Cadet Trainee Officer (Defence Forces) Agricultural Extension Officer Corporate Legal Officer Salvation Army Officer Information Officer (Public Relations) Marketing Officer Media Officer Press Officer Promotions Officer Public Relations Officer Public Relations Officer Employment Officer Equal Employment Officer Recruitment Officer Staff Development Officer Industrial Officer Industrial Relations Officer Work Study Officer Casting Officer Educational Guidance Officer Curriculum Development Officer
	2905-13 2905-13 2999-17 2999-17 2999-23	Education Officer Home-School Liaison Officer Activities Officer Recreation Officer Intelligence Officer

3101-11	Medical Laboratory Technical Officer
3103-11	Chemical Instrumentation Technical Officer
3103-11	Chemical Research Technical Officer
3103-11	Chemistry Technical Officer
	Earth Science Technical Officer
3103-15	
3103-15	Geology Technical Officer
3103-15	Geophysical Technical Officer
3103-15	Meteorological Technical Officer
3103-15	Soils Science Technical Officer
3103-19	Optics Technical Officer
3103-19	Physics Technical Officer
3103-19	Spectroscopic Technical Officer
3103-23	Dyeing and Finishing Technical Officer
3103-23	Fabric Design Technical Officer
3103-23	Textiles Technical Officer
3103-25	Biology Technical Officer
3103-25	Botany Technical Officer
3103-25	Ecological Technical Officer
3103-25	Fisheries Technical Officer
3103-25	Forestry Technical Officer
3103-25	Life Science Technical Officer
3103-25	Microbiology Technical Officer
3103-25	Zoology Technical Officer
3103-29	
	Agricultural Technical Officer
3103-29	Cereals Technical Officer
3103-29	Horticultural Technical Officer
3201-11	Electrical Engineering Drafting Officer
3201-11	Electrical Engineering Technical Officer
3201-11	Relays Drafting Officer
3201-15	Aircraft Electronics Technical Officer
3201-15	Communications and Data Systems Drafting Officer
3201-15	Communications Engineering Technical Officer
3201-15	Control Systems Drafting Officer
3201-15	Digital Controls Technical Officer
3201-15	Electronics Engineering Drafting Officer
3201-15	Electronics Engineering Technical Officer
3201-15	Process Control Technical Officer
3201-15	Radio Maintenance Officer
3201-15	Telecommunications Technical Officer
3203-11	Civil Engineering Drafting Officer
3203-11	Civil Engineering Technical Officer
3203-11	Sewage Reticulation Drafting Officer
3203-11	Structural Engineering Drafting Officer
3205-11	Air-Conditioning Drafting Officer
3205-11	Heating and Ventilating Technical Officer
3205-11	Mechanical Engineering Drafting Officer
2205 11	
3205-11	Mechanical Engineering Technical Officer
3207-13	Mechanical Engineering Technical Officer Architectural Drafting Officer
3207-13 3207-13	Architectural Drafting Officer Architectural Technical Officer
3207-13 3207-13 3207-15	Architectural Drafting Officer Architectural Technical Officer Engineering Survey Drafting Officer
3207-13 3207-13 3207-15 3207-15	Architectural Drafting Officer Architectural Technical Officer Engineering Survey Drafting Officer Topographic Drafting Officer
3207-13 3207-13 3207-15 3207-15 3299-99	Architectural Drafting Officer Architectural Technical Officer Engineering Survey Drafting Officer Topographic Drafting Officer Aeronautical Engineering Technical Officer
3207-13 3207-13 3207-15 3207-15 3299-99 3299-99	Architectural Drafting Officer Architectural Technical Officer Engineering Survey Drafting Officer Topographic Drafting Officer Aeronautical Engineering Technical Officer Airframe Technical Officer
3207-13 3207-13 3207-15 3207-15 3299-99 3299-99 3299-99	Architectural Drafting Officer Architectural Technical Officer Engineering Survey Drafting Officer Topographic Drafting Officer Aeronautical Engineering Technical Officer Airframe Technical Officer Lighting Design Drafting Officer
3207-13 3207-13 3207-15 3207-15 3299-99 3299-99 3299-99 3299-99	Architectural Drafting Officer Architectural Technical Officer Engineering Survey Drafting Officer Topographic Drafting Officer Aeronautical Engineering Technical Officer Airframe Technical Officer Lighting Design Drafting Officer Mine Ventilation Officer
3207-13 3207-13 3207-15 3207-15 3299-99 3299-99 3299-99 3299-99 3299-99	Architectural Drafting Officer Architectural Technical Officer Engineering Survey Drafting Officer Topographic Drafting Officer Aeronautical Engineering Technical Officer Airframe Technical Officer Lighting Design Drafting Officer Mine Ventilation Officer Production Planning Officer (Engineering)
3207-13 3207-13 3207-15 3207-15 3299-99 3299-99 3299-99 3299-99 3299-99 3299-99	Architectural Drafting Officer Architectural Technical Officer Engineering Survey Drafting Officer Topographic Drafting Officer Aeronautical Engineering Technical Officer Airframe Technical Officer Lighting Design Drafting Officer Mine Ventilation Officer Production Planning Officer (Engineering) Shipbuilding Design Drafting Officer
3207-13 3207-13 3207-15 3207-15 3299-99 3299-99 3299-99 3299-99 3299-99 3299-99 3299-99	Architectural Drafting Officer Architectural Technical Officer Engineering Survey Drafting Officer Topographic Drafting Officer Aeronautical Engineering Technical Officer Airframe Technical Officer Lighting Design Drafting Officer Mine Ventilation Officer Production Planning Officer (Engineering) Shipbuilding Design Drafting Officer Welding Technical Officer
3207-13 3207-13 3207-15 3207-15 3299-99 3299-99 3299-99 3299-99 3299-99 3299-99 3299-99 3303-13	Architectural Drafting Officer Architectural Technical Officer Engineering Survey Drafting Officer Topographic Drafting Officer Aeronautical Engineering Technical Officer Airframe Technical Officer Lighting Design Drafting Officer Mine Ventilation Officer Production Planning Officer (Engineering) Shipbuilding Design Drafting Officer Welding Technical Officer Flight Service Officer
3207-13 3207-13 3207-15 3207-15 3299-99 3299-99 3299-99 3299-99 3299-99 3299-99 3299-99 3303-13 3303-93	Architectural Drafting Officer Architectural Technical Officer Engineering Survey Drafting Officer Topographic Drafting Officer Aeronautical Engineering Technical Officer Airframe Technical Officer Lighting Design Drafting Officer Mine Ventilation Officer Production Planning Officer (Engineering) Shipbuilding Design Drafting Officer Welding Technical Officer Flight Service Officer Trainee Flight Service Officer
3207-13 3207-13 3207-15 3207-15 3299-99 3299-99 3299-99 3299-99 3299-99 3299-99 3303-13 3303-93 3303-99	Architectural Drafting Officer Architectural Technical Officer Engineering Survey Drafting Officer Topographic Drafting Officer Aeronautical Engineering Technical Officer Airframe Technical Officer Lighting Design Drafting Officer Mine Ventilation Officer Production Planning Officer (Engineering) Shipbuilding Design Drafting Officer Welding Technical Officer Flight Service Officer Trainee Flight Service Officer Air Defence Officer
3207-13 3207-13 3207-15 3207-15 3299-99 3299-99 3299-99 3299-99 3299-99 3299-99 3303-13 3303-93 3303-93	Architectural Drafting Officer Architectural Technical Officer Engineering Survey Drafting Officer Topographic Drafting Officer Aeronautical Engineering Technical Officer Airframe Technical Officer Lighting Design Drafting Officer Mine Ventilation Officer Production Planning Officer (Engineering) Shipbuilding Design Drafting Officer Welding Technical Officer Flight Service Officer Trainee Flight Service Officer Air Defence Officer Seaman Officer (Navy)
3207-13 3207-13 3207-15 3207-15 3299-99 3299-99 3299-99 3299-99 3299-99 3299-99 3303-13 3303-93 3303-93 3305-13	Architectural Drafting Officer Architectural Technical Officer Engineering Survey Drafting Officer Topographic Drafting Officer Aeronautical Engineering Technical Officer Airframe Technical Officer Lighting Design Drafting Officer Mine Ventilation Officer Production Planning Officer (Engineering) Shipbuilding Design Drafting Officer Welding Technical Officer Flight Service Officer Trainee Flight Service Officer Air Defence Officer Seaman Officer (Navy) Ship's Navigating Officer
3207-13 3207-13 3207-15 3207-15 3299-99 3299-99 3299-99 3299-99 3299-99 3299-99 3303-13 3303-93 3303-93 3305-13 3305-13	Architectural Drafting Officer Architectural Technical Officer Engineering Survey Drafting Officer Topographic Drafting Officer Aeronautical Engineering Technical Officer Airframe Technical Officer Lighting Design Drafting Officer Mine Ventilation Officer Production Planning Officer (Engineering) Shipbuilding Design Drafting Officer Welding Technical Officer Flight Service Officer Trainee Flight Service Officer Air Defence Officer Seaman Officer (Navy) Ship's Navigating Officer Ship's Officer
3207-13 3207-13 3207-15 3207-15 3299-99 3299-99 3299-99 3299-99 3299-99 3299-99 3303-13 3303-93 3303-93 3305-13	Architectural Drafting Officer Architectural Technical Officer Engineering Survey Drafting Officer Topographic Drafting Officer Aeronautical Engineering Technical Officer Airframe Technical Officer Lighting Design Drafting Officer Mine Ventilation Officer Production Planning Officer (Engineering) Shipbuilding Design Drafting Officer Welding Technical Officer Flight Service Officer Trainee Flight Service Officer Air Defence Officer Seaman Officer (Navy) Ship's Navigating Officer

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	3307-11 3501-13 3901-13 3901-13 3901-15 3901-15 3901-17 3905-19 3905-25 3905-27 3909-11 3911-01 3911-11 3913-11 3913-11 3919-33 3999-33 5301-19 5601-13	Ship's Engineer Officer Plain Clothes Police Officer Community Development Officer Parole Officer Probation Officer Welfare Officer Welfare Officer Customs Examining Officer Stream Control Officer Corporate Safety Officer Chief Prison Officer Prison Officer Purchasing Officer Purchasing Officer Supply Officer Disciplinary Warrant Officer Warrant Officer Coxswain Credit Officer Loans Officer Customer Service Officer Inquiry Officer Sheriff's Officer Trust Officer Corporate Finance Officer Airline Traffic Officer (Passenger Services) Tourist Officer Fire Prevention Officer Railway Patrol Officer Protective Service Officer
	8911-13 8911-13 8999-99	Security Officer Security Patrol Officer First Aid Officer
OFFICERS	3905-01 5605-01 8911-01	Supervisor, Inspectors and Regulatory Officers Supervisor, Messengers and Delivery Officers Supervisor, Guards and Security Officers
OFFICIAL	2799-13 3915-17	Trade Union Official Racecourse Official
OFFSET	4505-19	Small Offset Printing Machinist
OFFSHORE	4999-21	Offshore Diver
OFFSIDER	8415-13 8415-13 8909-17	Driller's Offsider Well Treatment Offsider Truck Driver's Offsider
OIL	2215-13 7307-01 7307-01 7307-13 7307-13 7307-15 7307-15 7399-17	Oil and Gas Drilling Engineer Supervisor, Oil and Gas Well Treatment Operators Supervisor, Oil, Gas and Pipe Testing Operators Oil and Gas Well Treatment Operator Oil Well Cementer Oil and Gas Production Testing Operator Oil, Gas and Pipe Tester Oil Tempering Operator
OILER	7201-91 7201-91	Dragline Oiler Shovel Oiler
OILSEED	1401-11 1401-11 7399-99	Grain, Oilseed and Pasture Farm Manager Grain, Oilseed and Pasture Grower Oilseed Processing Operator
OLERICULTURIST	1401-33	Olericulturist
OMBUDSMAN/WOMAN	1201-11	Ombudsman/woman
ONCOLOGICAL	3401-99	Oncological Nurse

KEYWORD	CODE	TITLE
ONCOLOGIST	2303-23	Radiation Oncologist
	2303-35 2303-99	Surgical Oncologist Medical Oncologist
ONSHORE	4999-23	Onshore Diver
OPAL	4923-13 8415-11	Opal Polisher Opal Miner
OPEN	7201-21 7315-11	Open Cut Mining Plant Operator Open Hearth Furnace Operator
OPENER	8199-39	Oyster Opener
OPERA	2815-13	Concert and Opera Singer
OPERATING	3401-99	Operating Theatre Nurse
OPERATIONS	1311-11 2909-11 3903-01 3903-01	Operations Manager (Data Processing) Operations Research Analyst Supervising Technician, Radio Operations Supervising Technician, TV Production Operations
OPERATOR	3305-11 3305-11 3903-11 3903-11	Hovercraft Operator Hydrofoil Operator Audio Operator Dubbing Machine Operator
	3903-13	Motion Picture Camera Operator
	3903-15 3903-15	Telecine Operator Television Camera Operator
	3903-15	Television Equipment Operator
	3903-17	Broadcast Transmitter Operator
	3903-99 3999-11	Microphone Boom Operator Radio Operator
	3999-99	Radar Operator
	3999-99	Sonar Operator
	4103-19 4203-17	Machine Tool Operator (Metal) Guillotine Operator (Metal)
	4203-17	Metal Bending Machine Operator
	4203-17	Sheetmetal Rolling Machine Operator
	4205-19 4503-15	Gas-shielded Arc Welding Operator Electronic Scanner Operator (Printing)
	4503-15	Process Camera Operator (Printing)
	4507-11	Paper Guillotine Operator (Bookbinding)
	4901-11 4901-11	Automatic Profile Sander Operator Copy Lathe Operator
	4901-11	Double-End Tenoner Operator
	4901-11	Edge Bander Operator
	4901-11 4901-13	Panel Saw Operator Wood Turning Lathe Operator
	4921-13	Glass Blowing Lathe Operator
	5105-11 5201-11	Word Processing Operator Computer Console Operator
	5201-11	Computer Operator
	5201-13	Data Entry Operator
	5201-13 5201-13	Data Processing Operator Remote Computer Terminal Operator
	5201-13	Verifier Operator
	5201-13	Visual Display Unit Operator
	5201-15 5201-15	Data Transceiver Operator Electronic Mail Operator
	5201-99	Cryptographic Machine Operator
	5203-11	Business Machine Operator
	5603-11 5603-11	Phonogram Operator Switchboard Operator
	5603-11	Telephone Operator
	6101-11	Trading Floor Operator (Stock Exchange)
	6403-11 6403-11	Checkout Operator Service Station Console Operator

7201-11	Bulldozer Operator
7201-13	Scraper Operator (Earthmoving)
7201-15	Back-hoe Operator
7201-17	Trench-digging Machine Operator
7201-19	Bobcat Operator
7201-19	Front-end Loader Operator
7201-19	Loader Operator (Earthmoving)
7201-21	Bucketwheel Excavator Operator
7201-21	Dragline Operator
7201-21	Mining Shovel Operator
7201-21	Open Cut Mining Plant Operator
7201-23	Continuous Mining Machine Operator
7201-23	Longwall Miner Operator
7201-23	Mechanical Bogger Operator
7201-23	Underground Plant Operator
7201-23	Underground Truck Operator
7201-25	Dredge Operator
7201-27	Grader Operator
7201-29	Excavator Operator
7201-29	Hydraulic Rock Breaker Operator
7201-91	Trainee Excavating and Earthmoving Plant Operator
7203-13	Straddle Carrier Operator
7205-11	Forwarder Operator
7205-11	Logging Plant Operator
7205-11	Skidder Operator
7205-11	Tree Feller Operator
7207-11	Paving Plant Operator
7207-13	Compactor Operator
7207-13	Road Roller Operator
7209-11	Cotton Picking Machine Operator
7209-11	Farm Machinery Operator
7209-11	Harvester Operator
7209-13	Amenity Horticulture Machine Operator
7209-13	Auto Scythe Operator
7209-13	Rotary Hoe Operator
7299-11	Railway Track Repair Machine Operator
7299-99	Cable Ferry Operator
7299-99	Road Sweeper Operator
7299-99	Specialist Vehicles Operator (Army)
7301-11	Hydro-electric Station Operator
7301-11	Power Generation Plant Operator
7301-11	Power Generation Turbine Room Operator
7303-11	Air-Conditioning Plant Operator
7303-11	Refrigeration Plant Operator
7303-11	Stationary Engine and Boiler Operator
7303-13	Marine Engine and Boiler Operator
7305-11	Chemical Plant Operator
7305-11	Fermentation Operator (Chemicals)
7305-11	Industrial Gas Production Operator
7305-11	Pharmaceutical Plant Operator
7305-11	Pilot Plant Operator
7305-91	Trainee Chemical Plant Operator
7307-11	Gas Compressor Turbine Operator
7307-11	Grease Manufacturing Plant Operator
7307-11	Petroleum and Gas Refining and Pumping Operator
7307-11	Petroleum Blending Plant Operator
7307-11	Petroleum Process Unit Operator
7307-11	Petroleum Shipping Plant Operator
7307-13	Oil and Gas Well Treatment Operator
7307-13	Well Treatment Blender Operator
7307-13	Well Treatment Pump Operator
7307-15	Oil and Gas Production Testing Operator
7307-15	Torque-turn Computer Operator
7309-11	Bucketwheel Reclaimer Operator
7309-11	Bulk Materials Handling Plant Operator
7309-11	Car Dumper Operator
7000 11	our pumper operator

	7309-11	Conveyor Belt Operator
	7309-11	Ore Stacker Operator
	7309-11	Tank Farm Operator
	7309-11	Train Loader Operator
	7311-11	Cherry Picker Operator
	7311-11	Crane Operator
	TODAY OF THE PARTY.	
	7311-11	Portainer Operator
	7313-11	Hoist, Winch and Lift Operator
	7315-11	Basic Oxygen Steelmaking Furnace Operator
	7315-11	Blast Furnace Operator
	7315-11	Metals Furnace Operator
	7315-11	Open Hearth Furnace Operator
	7315-11	Pot Operator (Aluminium)
	7315-11	Smelting Furnace Operator
	7315-13	Heat Treatment Furnace Operator
		The state of the s
	7315-13	Soaking Pit Furnace Operator
	7315-15	Clay Products Kiln Operator
	7315-15	Kiln Operator
	7315-15	Ore Roaster Operator
	7315-15	Pellet Plant Operator
	7315-15	Timber Kiln Operator
	7315-17	Crematorium Plant Operator
•	7315-17	Incinerator Plant Operator
	7317-11	Air Track Operator
		The same of the sa
	7317-11	Coal Seam Drill Operator
	7317-11	Drilling Plant Operator
	7317-11	Fishing Tool Operator
	7317-11	Jumbo Drill Operator
	7317-11	Long Hole Drill Operator
	7317-11	Power Tong Operator
	7317-11	Raise Drill Operator
	7317-11	Reeled Tubing Operator
	7317-11	Rock Drill Operator
		· · · · · · · · · · · · · · · · · · ·
	7317-11	Rotary Drill Operator
	7317-11	Service Rig Operator
	7317-11	Snubbing Unit Operator
	7399-11	Coal Preparation Plant Operator
	7399-11	Flotation Operator
	7399-11	Mineral Ore Treating Plant Operator
	7399-11	Ore and Stone Crusher Operator
	7399-11	Ore Separator Operator
	7399-11	Ore Treating Solution Operator
	7399-11	Surface Hydraulic Fill Operator
	7399-11	Wash Plant Operator
	7399-13	Metal Rolling Mill Operator
	7399-15	Paper Pulp Preparation Plant Operator
	7399-17	Hardboard Plant Operator
	7399-17	Hardboard Press Operator
	7399-17	Oil Tempering Operator
	7399-17	
		Wood Chipping and Particleboard Plant Operator
	7399-19	Railway Switching and Signalling Operator
	7399-21	Timber Treatment Plant Operator
	7399-23	Concrete Pump Operator
	7399-25	Insulation Cupola Operator
	7399-27	Cement Production Plant Operator
	7399-29	
		Sewage Plant Operator
	7399-29	Water Supply and Treatment Plant Operator
	7399-31	Electrolytic Cell Operator
	7399-33	Anode Press Operator
		and the second s
	7399-33	Rodding Press Operator
	7399-35	Concrete Batching Plant Operator
	7399-99	Clay Crusher Operator
	7399-99	Oilseed Processing Operator
	7399-99	Weighbridge Operator
	7401-13	Casting Machine and Ladle Operator
	7401-15	Wire Drawing Machine Operator

7401-17	Metal Extrusion Press Operator
7403-11	Metal Press Operator
7405-11	Forging Machine Operator
7405-11	Springmaking Machine Operator
7407-13	Plastics Extruding Machine Operator
7407-15	Blow Moulding Machine Operator
7407-15	Compression Moulding Machine Operator
7407-15	Injection Moulding Machine Operator
7407-15	Plastics Moulding Machine Operator
7407-15	Rotational Moulding Machine Operator
7407-15	Thermoforming Machine Operator
7407-17	Cellular Plastics Machine Operator
7407-17	Plastics Foam Machine Operator
7407-19 7407-21	Plastics Sheet Press Operator Plastics Blending Machine Operator
7409-11	Tyre Production Machine Operator
7409-99	Rubber Knitting Machine Operator
7409-99	Rubber Roller Grinder Operator
7411-11	Granulator Machine Operator
7411-11	Pharmaceuticals and Toiletries Production Machine Operator
7411-11	Tablet Making Machine Operator
7411-13	Explosives Mixer Operator
7411-13	Explosives Production Machine Operator
7413-13	Ripsaw Operator
7413-13	Trim Saw Operator
7413-19	Veneer Guillotine Operator
7413-19	Veneer Lathe and Slicer Operator
7413-19	Veneer Production Machine Operator
7413-19	Veneer Splicing Machine Operator
7413-19	Veneer Trimmer Operator
7413-21 7413-23	Plywood Production Machine Operator Particleboard Laminator Operator
7413-23	Wood Laminating Press Operator
7413-99	Debarker Operator
7413-99	Drop-Sorter Operator
7413-99	Hogger Operator
7413-99	Machine Stress Grader Operator
7413-99	Sawmill Moulder Operator
7415-11	Fourdrinier Machine Operator
7415-11	Inverform Machine Operator
7415-11	Paperboard Machine Operator
7415-11	Wet End Papermaking Machine Operator
7415-13	Dry End Papermaking Machine Operator
7415-13	Paper Rewinder Operator
7415-13	Supercalender Operator (Papermaking)
7415-15 7415-15	Carton Making Machine Operator Paper Products Machine Operator
7417-11	Glass Furnace Operator
7417-11	Glass Laminating Operator
7417-11	Glass Melt Operator
7417-11	Glass Production Machine Operator
7417-11	Glass Toughening Operator
7419-11	Concrete Pipe Machine Operator
7419-11	Concrete Products Machine Operator
7419-13	Clay Products Machine Operator
7419-13	Clay, Brick and Tile Machine Operator
7419-15	Stone Processing Machine Operator
7419-21	Fibre-Cement Machine Operator
7421-11	Gill Box Operator
7421-11	Yarn Carding and Spinning Machine Operator
7421-11	Yarn Drawing Machine Operator
7421-11	Yarn Texture Machine Operator
7421-15	Wool Scouring Operator
7423-11 7423-11	Fellmongering Machine Operator Hide and Skin Fleshing Machine Operator
7423-11	Hide and Skin Processing Machine Operator
7723 11	The and own Frocessing Machine Operator

CODE TITLE

7423-11	Leather Drying Operator
7423-11	Leather Finishing Machine Operator
7423-11	Leather Measuring Operator
7423-11	Leather Printing Operator
7423-11	Leather Splitting and Shaving Machine Operator
7423-11	Sammying Machine Operator
7423-11	Staking Machine Operator
7423-11	Tanning Machine Operator
7423-11	Woolpulling Machine Operator
7425-11	Warp Machine Operator
7425-15	Textile Knitting Machine Operator
7425-17 7425-17	Bleaching Machine Operator Textile Dyeing and Finishing Machine Operator
7425-19	Rope and Cord Making Machine Operator
7425-99	Fabric Bonding Machine Operator
7425-99	Needle Loom Operator
7425-99	Tufting Machine Operator
7427-11	Garment Finishing Operator
7427-13	Hemstitching Machine Operator
7427-13	Pocket Welt Machine Operator
7429-11	Inker Machine Operator (Shoemaking)
7429-11	Shoemaking Machine Operator
7431-11	Food Processing Extruder Operator
7431-11	Grain and Cereal Processing Machine Operator
7431-11	Stockfeed Milling Machine Operator
7431-13	Centrifuge Operator (Sugar Processing)
7431-13 7431-13	Sugar Boiler and Pan Operator Sugar Cane Crusher Operator
7431-13	Sugar Dryer Operator
7431-13	Sugar Processing Machine Operator
7431-15	Fruit and Vegetable Juicer Operator
7431-15	Soft Drink and Syrup Making Machine Operator (except Dairy)
7431-17	Alcoholic Beverage Machine Operator
7431-17	Brewhouse Operator
7431-19	Defeatherer and Eviscerator Operator
7431-19	Fish Plant and Machinery Operator
7431-19	Fish Smokehouse Operator
7431-19	Meat and Fish Processing Machine Operator
7431-19	Meat By-Products Machine Operator
7431-19	Meat Mincer Operator Meat Smokehouse Operator
7431-19 7431-19	Poultry Saws Operator
7431-19	Smallgoods Machine Operator
7431-21	Milk Treatment Machine Operator
7431-27	Food Processing Autoclave Operator
7431-27	Food Processing Retort Operator
7431-99	Food Size-grading Operator
7431-99	Frozen Food Machine Operator
7431-99	Fruit and Vegetable Peeling Machine Operator
7431-99	Pet Food Processing Machine Operator
7433-11	Bottling Machine Operator
7433-99	Baling and Compression Machine Operator
7433-99 7433-99	Depalletiser Operator
7433-99	Food Packaging Machine Operator Palletiser Operator
7433-99	Shrink Wrap Operator
7435-11	Copy Camera Operator
7435-11	Microfiche Reproduction Operator
7435-11	Photographic Enlarger Operator
7435-13	Photographic Film Manufacturing Operator
7435-13	Silver Recovery Operator
7499-11	Tobacco Technical Operator
7499-13	Cigarette Making Machine Operator
7499-15	Dry Cleaning Machine Operator
7499-17	Folding Machine Operator
7499-17	Laundry Machine Operator

KEYWORD	CODE	TITLE
	7499-19 8203-15	Military Weapons Operator Landing Operator (Logging)
OPERATOR-ASSEMBLER	5201-13	Keyboard Operator-Assembler
OPERATORS	3903-01	Supervisor, Sound Recording and Reproduction Equipment Operators
	5105-01	Supervisor, Word Processing Operators
	5201-01	Supervisor, Data Processing Machine Operators
	5203-01 5203-01	Supervisor, Bookkeeping Machine Operators Supervisor, Business Machine Operators
	7201-01	Supervisor, Excavating and Earthmoving Plant Operators
	7207-01	Supervisor, Paving and Surfacing Plant Operators
	7301-01	Supervisor, Power Generation Plant Operators
	7305-01	Supervisor, Chemical Pilot Plant Operators
	7305-01	Supervisor, Chemical Plant Operators
	7307-01	Supervisor, Oil and Gas Well Treatment Operators
	7307-01	Supervisor, Oil, Gas and Pipe Testing Operators
	7307-01 7309-01	Supervisor, Petroleum and Gas Plant Operators Supervisor, Bulk Materials Handling Plant Operators
	7309-01	Supervisor, Fluids Loading and Unloading Plant Operators
	7311-01	Supervisor, Crane Operators
	7313-01	Supervisor, Hoist, Winch and Lift Operators
	7315-01	Supervisor, Blast Furnace Operators
	7315-01	Supervisor, Furnace and Kiln Operators
	7315-01	Supervisor, Roasting Plant Operators
	7315-01	Supervisor, Smelting Plant Operators
	7317-01	Supervisor, Drilling Plant Operators
	7399-01	Supervisor, Other Stationary Plant Operators
	7401-01 7405-11	Supervisor, Basic Metal Products Machine Operators Other Metal Products Machine Operators
	7407-01	Supervisor, Plastics Production Machine Operators
	7409-01	Supervisor, Rubber Production Machine Operators
	7411-01	Supervisor, Chemical Production Machine Operators
	7411-01	Supervisor, Explosives Production Machine Operators
	7411-01	Supervisor, Pharmaceuticals and Toiletries Production
		Machine Operators
	7413-01	Supervisor, Plywood Making Machine Operators
	7413-01 7413-01	Supervisor, Saw Operators
	7415-01	Supervisor, Wood Processing Machine Operators Supervisor, Paper and Paper Products Machine Operators
	7417-01	Supervisor, Glass Furnace Operators
	7417-01	Supervisor, Glass Production Machine Operators
	7419-01	Supervisor, Clay and Stone Processing Machine Operators
	7419-01	Supervisor, Concrete Products Machine Operators
	7419-01	Supervisor, Fibre Cement Machine Operators
	7421-01	Supervisor, Cotton Ginning Machine Operators
	7421-01	Supervisor, Yarn Production Machine Operators
	7423-01 7425-01	Supervisor, Hide and Skin Processing Machine Operators
	7423-01	Supervisor, Fabric Production Machine Operators Supervisor, Food Processing Machine Operators
	7431-99	Food Processing Machine Operators
	7433-01	Supervisor, Packaging Machine Operators
	7435-01	Supervisor, Photographic Film Manufacturing Operators
	7435-01	Supervisor, Photographic Products Machine Operators
	7499-01	Supervisor, Other Machine Operators
OPHTHALMIC	2303-35	Ophthalmic Surgeon
OBJETUAL MODE OCCUP	4999-13	Ophthalmic Lens Surfacer and Fitter
OPHTHALMOLOGIST	2303-17	Ophthalmologist
OPTICAL	4999-13	Optical Dispenser
	4999-13	Optical Mechanic
	4999-13 4999-91	Optical Technician
OPTICS		Apprentice Optical Mechanic
OPTICS	3103-19	Optics Technical Officer

KEYWORD	CODE	TITLE
OPTOMETRIST	2311-11	Optometrist
ORAL	2305-13 2305-13 3101-15	Oral Pathologist Oral Surgeon Oral Therapist
ORCHARDIST	1401-31	Orchardist
ORCHESTRA	2815-11	Orchestra Conductor
ORCHESTRATOR	2815-99	Orchestrator
ORDER	5505-15 5505-15	Mail Order Clerk Order Clerk
ORDERLY	5907-15 8921-11	Court Orderly Hospital Orderly
ORDNANCE	4999-29	Explosive Ordnance Demolition Technician
ORE	7309-11 7315-15 7399-11 7399-11 7399-11 7399-11 8415-15	Ore Stacker Operator Ore Roaster Operator Mineral Ore Treating Plant Operator Ore and Stone Crusher Operator Ore Separator Operator Ore Treating Solution Operator Mineral Ore Processing Labourer
ORGANISATION	1309-11 2799-15	Organisation and Methods Manager Organisation and Methods Analyst
ORGANISATIONAL	2903-15	Organisational Psychologist
ORGANISER	2799-13	Trade Union Organiser
ORTHODONTIC	4999-11	Orthodontic Technician
ORTHODONTIST	2305-13	Orthodontist
ORTHOPAEDIC	2303-19 2303-19 2303-39	Orthopaedic Specialist Orthopaedic Surgeon Orthopaedic Rehabilitation Specialist
ORTHOPTIST	2399-15	Orthoptist
ORTHOTICS	2303-39	Prosthetics and Orthotics Rehabilitation Specialist
ORTHOTIST	2399-99	Orthotist
OSTEOPATH	2317-13	Osteopath
OTORHINOLARYNGOLOGICAL	2303-35	Otorhinolaryngological Surgeon
OTORHINOLARYNGOLOGIST	2303-31	Otorhinolaryngologist
OUTBOARD	4601-13	Outboard Motor Mechanic
OUTLET	1501-11	Take Away Food Outlet Manager
OVERLOCKER	7427-11	Overlocker
OVERSEER	4929-01 5403-01 8201-01 8203-01	Overseer, Shearing Shed Overseer (Mails) Farm Overseer Forest Overseer
OXY-ACETYLENE	4205-19	Oxy-acetylene Welder-Cutter
OXYGEN	7315-11	Basic Oxygen Steelmaking Furnace Operator
OYSTER	1401-99 8199-39 8201-99	Oyster Farmer Oyster Opener Oyster Grower's Assistant

KEYWORD	CODE	TITLE
DAGMAGE	2005 10	
PACKAGE	2805-13	Package Designer
PACKAGING	7433-01 7433-99	Supervisor, Packaging Machine Operators Food Packaging Machine Operator
PACKER	8105-11 8105-13 8105-99 8105-99 8909-13	Meat Packer Fruit and Vegetable Packer Grocery Packer Shirt Packer Furniture Packer
PAEDIATRIC	2303-35 3401-99	Paediatric Surgeon Paediatric Nurse
PAEDIATRICIAN	2303-25	Paediatrician
PAEDODONTIST	2305-13	Paedodontist
PAGE	8903-11	Hotel Page
PAINT	7305-11 8199-23	Paint Maker Paint Factory Hand
PAINTER	2801-11 2801-99 4405-11 4405-11 4405-91 4605-11 4605-91 8101-13 8107-11	Painter (Artistic) Scene Painter (Performing Arts) Industrial Painter (Structures) Painter and Decorator Apprentice Painter, Decorator and Signwriter Vehicle Painter Apprentice Vehicle Painter Painter and Decorator's Assistant Industrial Spray Painter
PAINTERS	4405-01 4605-01	Supervisor, Painters, Decorators and Signwriters Supervisor, Vehicle Painters
PAINTING	2801-11	Artist (Painting)
PALAEONTOLOGY	3103-17	Palaeontology Technician
PALLETISER	7433-99	Palletiser Operator
PAN	7431-13	Sugar Boiler and Pan Operator
PANEL	4603-01 4603-11 4603-91 4901-11	Supervisor, Panel Beaters Panel Beater Apprentice Panel Beater Panel Saw Operator
PANTRYMAID/MAN	8919-11	Pantrymaid/man
PAPER	4507-11 6201-23 7399-15 7415-01 7415-13 7415-15 7435-13 8199-17 8199-17	Paper Guillotine Operator (Bookbinding) Sales Representative (Books and Paper Products) Paper Pulp Preparation Plant Operator Supervisor, Paper and Paper Products Machine Operators Paper Rewinder Operator Paper Products Machine Operator Photographic Paper Cutter Pulp, Papermaking and Paper Products Factory Hand Pulp, Papermaking and Paper Products Labourer
PAPERBOARD	7415-11	Paperboard Machine Operator
PAPERHANGER	4405-13	Paperhanger
PAPERMAKING	7415-11 7415-13 7415-13 8199-17 8199-17	Wet End Papermaking Machine Operator Dry End Papermaking Machine Operator Supercalender Operator (Papermaking) Pulp, Papermaking and Paper Products Factory Hand Pulp, Papermaking and Paper Products Labourer
PARACHUTE	4999-27	Parachute Rigger
PARAMEDIC	3909-11	Ambulance Paramedic

KEYWORD	CODE	TITLE
PARASITOLOGIST	2107-23 2107-99	Veterinary Parasitologist Parasitologist
PARENT	6601-17 6601-17 6601-17	Cottage Parent Hostel Parent House Parent
PARK	1505-13 3999-31 3999-31 3999-31 8999-99	Caravan Park Manager Park Ranger Park Superintendent Park Warden Car Park Attendant
PARKING	5999-99 8999-99	Parking Inspector Parking Meter Collector
PARLIAMENT	1101-11	Member of Parliament
PARLIAMENTARY	2605-99	Parliamentary Counsel
PARLOUR	1599-99	Beauty Parlour Manager
PAROLE	3901-13	Parole Officer
PARTICLEBOARD	7399-17 7413-23 8199-15	Wood Chipping and Particleboard Plant Operator Particleboard Laminator Operator Particleboard Factory Hand
PARTS	6301-25 6301-25 8999-27	Automotive Parts Interpreter Sales Assistant (Vehicle Parts and Accessories) Automotive Parts Recycler
PASSENGER	6405-11	Airline Traffic Officer (Passenger Services)
PASTA	7431-11	Pasta Maker
PASTE-UP	3999-17	Paste-up Artist
PASTRYCOOK	4703-11 4703-91	Pastrycook Apprentice Baker and Pastrycook
PASTRYCOOKS	4703-01	Supervisor, Bakers and Pastrycooks
PASTURE	1401-11 1401-11	Grain, Oilseed and Pasture Farm Manager Grain, Oilseed and Pasture Grower
PATENT	2999-99	Patent Examiner
PATHOLOGIST	2107-19 2107-23 2107-23 2303-37 2305-13 2315-11	Plant Pathologist Insect Pathologist Veterinary Pathologist Pathologist Oral Pathologist Speech Pathologist
PATHOLOGY	3103-27	Plant Pathology Technician
PATROL	8911-11 8911-13	Railway Patrol Officer Security Patrol Officer
PATROLMAN/WOMAN	3905-99 8413-11	Patrolman/woman (Utilities) Railway Track Patrolman/woman
PATTERNMAKER	4203-11 4207-11 4207-91 4401-13	Sheetmetal Patternmaker Metal Casting Patternmaker Apprentice Metal Casting Patternmaker Joinery Patternmaker
PATTERNMAKER-GRADER	4911-19	Patternmaker-Grader (Textiles)
PAVING	7207-01 7207-11 8409-01 8409-11	Supervisor, Paving and Surfacing Plant Operators Paving Plant Operator Supervisor, Paving and Surfacing Labourers Paving and Surfacing Labourer

KEYWORD	CODE	TITLE TO THE SECOND STORY OF THE SECOND STORY
PAY	5301-15	Pay Clerk
PAYMASTER/MISTRESS	5301-15	Paymaster/mistress
PAYROLL	5301-01 5301-15	Supervisor, Payroll Clerks Payroll Clerk
PEARL	4999-23	Pearl Diver
PEARLING	3305-11	Pearling Skipper
PEDOLOGIST	2199-13	Pedologist
PEELING	7431-99	Fruit and Vegetable Peeling Machine Operator
PELLET	7315-15 8109-15	Pellet Plant Operator Iron Pellet Tester
PENCILLER	5999-17	Penciller
PENETRANT	3299-11	Dye Penetrant Testing Technician
PERFORMING	2801-99 3903-01	Scene Painter (Performing Arts) Supervisor, Performing Arts Support Workers
PERIODONTIST	2305-13	Periodontist
PERSON	3903-99 3903-99 3903-99	Continuity Person Sound Effects Person Special Effects Person
PERSONAL	5101-11	Personal Secretary
PERSONNEL	1309-11 2705-11	Personnel and Industrial Relations Manager Personnel Officer
	2999-99 5905-11	Military Personnel Selection Assessor Personnel Records Clerk
PEST	3905-99 8999-13	Pest Control Inspector Pest and Weed Controller
	8999-13	Pest Exterminator
PET	7431-99	Pet Food Processing Machine Operator
PETROCHEMICAL	2207-11	Petrochemical Process Engineer
PETROLEUM	2215-11 2215-13 4409-13 7307-01 7307-11 7307-11 7307-11	Mining Engineer (except Petroleum) Petroleum Engineer Liquid Petroleum Gasfitter Supervisor, Petroleum and Gas Plant Operators Petroleum and Gas Refining and Pumping Operator Petroleum Blending Plant Operator Petroleum Process Unit Operator Petroleum Shipping Plant Operator
PETROPHYSICAL	2215-13	Petrophysical Engineer
PHARMACEUTICAL	6301-23 7305-11	Sales Assistant (Pharmaceutical Products and Toiletries) Pharmaceutical Plant Operator
PHARMACEUTICALS	6201-35 7411-01	Sales Representative (Pharmaceuticals) Supervisor, Pharmaceuticals and Toiletries Production Machine Operators
DUADA A OLOT	7411-11	Pharmaceuticals and Toiletries Production Machine Operator
PHARMACIST	2307-11 2307-13 2307-15 2307-15	Hospital Pharmacist Industrial Pharmacist Community Pharmacist Retail Pharmacist
PHARMACOLOGIST	2107-99 2303-99	Pharmacologist (except Clinical) Clinical Pharmacologist
PHONOGRAM	5603-11	Phonogram Operator
РНОТО	2205-13	Air Photo Plotter (Air Force)

KEYWORD	CODE	TITLE
	4503-11	Etcher-Finisher (Photo Engraving)
PHOTOCOPYING	5499-11	Photocopying and Duplicating Clerk
PHOTOGRAMMETRIC	2205-13	Photogrammetric Surveyor
PHOTOGRAMMETRIST	3207-15	Photogrammetrist
PHOTOGRAPH	3999-25	Photograph Retoucher
PHOTOGRAPHER	2803-11	Photographer
PHOTOGRAPHIC	3207-15 3999-23 3999-23 6201-99 6301-99 7435-01 7435-01 7435-11 7435-11 7435-11 7435-13 7435-13	Photographic Interpreter (Air Force) Photographic Studio Assistant Photographic Studio Technician Sales Representative (Photographic Equipment and Supplies) Sales Assistant (Photographic Equipment and Supplies) Supervisor, Photographic Developers and Printers Supervisor, Photographic Film Manufacturing Operators Supervisor, Photographic Products Machine Operators Photographic Developer and Printer Photographic Enlarger Operator Photographic Laboratory Assistant Photographic Film Manufacturing Operator Photographic Paper Cutter
PHOTOGRAPHY	2811-17	Director of Photography
PHYSICAL	2103-13 2109-13 2217-13 2505-99 2907-13	Physical Oceanographer Clinical Physical Scientist Physical Metallurgist Physical Fitness Instructor Physical Geographer
PHYSICIAN	2303-41	Specialist Physician
PHYSICIST	2105-11 2105-11 2109-13	Chief Physicist Physicist Medical Physicist
PHYSICS	3103-19 3103-21	Physics Technical Officer Physics Technician
PHYSIOLOGIST	2107-13 2107-19	Physiologist Plant Physiologist
PHYSIOTHERAPIST	2313-11	Physiotherapist
PIANO	4925-11 4925-91	Piano Tuner Apprentice Piano Tuner
PICKER	7311-11 8201-13	Cherry Picker Operator Fruit, Vegetable and Nut Picker
PICKING	7209-11	Cotton Picking Machine Operator
PICKLER	7431-19 8201-99	Meat Pickler Seed Cleaner and Pickler
PICTURE	3903-13 4905-01 4905-13 4905-13 4905-91 4999-17	Motion Picture Camera Operator Supervisor, Picture Framers Picture Frame Maker Picture Framer Apprentice Picture Framer Motion Picture Projectionist
PIG	1401-23 1401-23 1401-23	Pig Breeder Pig Farm Manager Pig Farmer
PILOT	3301-11 3301-11 3301-11 3301-11	Agricultural Pilot Aircraft Pilot Commercial Pilot Helicopter Pilot

KEYWORD	CODE	TITLE 200 BANGS - MARKET SE
	3305-11	Marine Pilot
	3305-11 7305-01	Ship's Pilot Supervisor, Chemical Pilot Plant Operators
	7305-11	Pilot Plant Operator
PINPOINTER	4409-13	Pinpointer
PIPE	3205-13	Pipe Testing Technician
	4409-11 4409-11	Pipe Fitter (Plumbing) Pipe Jointer
	7307-01	Supervisor, Oil, Gas and Pipe Testing Operators
	7307-15	Oil, Gas and Pipe Tester
*	7419-11	Concrete Pipe Machine Operator
PIPELINE	3905-99	Pipeline Inspector
PIT	7201-01 7315-13	Pit Supervisor Soaking Pit Furnace Operator
	8415-11	Pit Crew Worker
PLAIN	3501-13	Plain Clothes Police Officer
PLANNER	2601-11	Social Planner and Administrator
	2907-11 2907-11	Town Planner Traffic and Transport Planner
	2907-11	Urban and Regional Planner
	4503-15	Retoucher and Planner (Printing)
PLANNING	3299-99	Production Planning Officer (Engineering)
PLANT	1305-11	Plant Manager
	2107-19 2107-19	Plant Anatomist Plant Morphologist
	2107-19	Plant Pathologist
	2107-19	Plant Physiologist
	2107-19 2107-19	Plant Scientist Plant Taxonomist
	3103-27	Plant Pathology Technician
	4103-11	Plant Mechanic
	4801-01 4801-11	Supervisor, Plant Nursery Plant Propagator
	7201-01	Supervisor, Excavating and Earthmoving Plant Operators
	7201-21	Open Cut Mining Plant Operator
	7201-23 7201-91	Underground Plant Operator
	7205-11	Trainee Excavating and Earthmoving Plant Operator Logging Plant Operator
	7207-01	Supervisor, Paving and Surfacing Plant Operators
	7207-11	Paving Plant Operator
	7301-01 7301-11	Supervisor, Power Generation Plant Operators Power Generation Plant Operator
	7303-11	Air-Conditioning Plant Operator
	7303-11	Refrigeration Plant Operator
	7305-01 7305-01	Supervisor, Chemical Pilot Plant Operators Supervisor, Chemical Plant Operators
	7305-11	Chemical Plant Operator
	7305-11	Pharmaceutical Plant Operator
	7305-11 7305-91	Pilot Plant Operator Trainee Chemical Plant Operator
	7307-01	Supervisor, Petroleum and Gas Plant Operators
	7307-11	Grease Manufacturing Plant Operator
	7307-11 7307-11	Petroleum Blending Plant Operator Petroleum Shipping Plant Operator
	7309-01	Supervisor, Bulk Materials Handling Plant Operators
	7309-01	Supervisor, Fluids Loading and Unloading Plant Operators
	7309-11 7315-01	Bulk Materials Handling Plant Operator
	7315-01 7315-01	Supervisor, Roasting Plant Operators Supervisor, Smelting Plant Operators
	7315-15	Peliet Plant Operator
	7315-17	Crematorium Plant Operator

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CODE TITLE

	7315-17	Incinerator Plant Operator
	7317-01	Supervisor, Drilling Plant Operators
	7317-11	Drilling Plant Operator
	7399-01	Supervisor, Other Stationary Plant Operators
	7399-11	Coal Preparation Plant Operator
	7399-11	Mineral Ore Treating Plant Operator
	7399-11	Wash Plant Operator
	7399-15	Paper Pulp Preparation Plant Operator
	7399-17	Hardboard Plant Operator
	7399-17 7399-21	Wood Chipping and Particleboard Plant Operator Timber Treatment Plant Operator
	7399-27	Cement Production Plant Operator
	7399-29	Sewage Plant Operator
	7399-29	Water Supply and Treatment Plant Operator
	7399-33	Carbon Plant Worker
	7399-35	Concrete Batching Plant Operator
	7431-19	Fish Plant and Machinery Operator
	8199-11	Continuous Plant Galvaniser
	8199-19	Cement and Concrete Plant Labourer
	8199-23	Chemical Plant Labourer
	8199-23	Gas Plant Labourer
PLANTER	8203-13	Tree Planter
PLASMA	7405-11	Plasma Sprayer
PLASMA-ARC	4205-19	Plasma-arc Welder
PLASTER	4407-13	Fibrous Plaster Fixer
12.07211	4407-13	Fibrous Plaster Setter
	7419-19	Fibrous Plaster Maker
BI ACTEDROADD	4407 10	Di contra di Fi
PLASTERBOARD	4407-13 7419-19	Plasterboard Fixer Plasterboard Maker
	7419-19	Plasterboard Waker
PLASTERER	4407-11	Cement Plasterer
	4407-11	Solid Plasterer
	4407-13	Fibrous Plasterer
	4407-91	Apprentice Plasterer
PLASTERER'S	8101-13	Plasterer's Assistant
PLASTERERS	4407-01	Supervisor, Plasterers
PLASTIC	2303-35	Plastic and Reconstructive Surgeon
PLASTIC	4101-11	Plastic Mould Maker
	8199-25	Plastic Sheet Fabricator
PLASTICS	7407-01	Supervisor, Plastics Production Machine Operators
	7407-11	Cellular Plastics Machine Setter
	7407-11	Plastics Extruding Machine Setter
	7407-11	Plastics Moulding Machine Setter
	7407-11	Plastics Production Machine Setter
	7407-13 7407-15	Plastics Extruding Machine Operator
		Plastics Moulding Machine Operator
	7407-17 7407-17	Cellular Plastics Machine Operator Plastics Foam Machine Operator
	7407-19	Plastics Sheet Press Operator
	7407-21	Plastics Blending Machine Operator
	7407-21	Powder Hand (Plastics)
	7407-23	Gun Hand (Plastics)
	8199-25	Cellular Plastics Cutter
	8199-25	Mould Hand (Plastics)
	8199-25	Rubber and Plastics Factory Hand
	8199-25	Rubber and Plastics Products Labourer
PLATE	4503-11	Flexographic Plate Maker
	4503-11	Gravure Plate Preparer
	4503-11	Letterpress Plate Maker
	4503-11	Lithographic Plate Preparer

KEYWORD	CODE	TITLE 9000	
	4503-11 4503-11	Plate Maker(Printing) Plate Preparer (Printing)	
PLATER	4209-15	Metal Plater	
	4209-15 4209-17	Production Plater Barrel Plater	
PLAYWRIGHT	2809-11	Playwright	
PLOTTER	2205-13	Air Photo Plotter (Air Force)	
PLUMBER	4409-11	Plumber (General)	
	4409-11 4409-91	Roof Plumber Apprentice Plumber	
PLUMBER'S	8101-13	Plumber's Trades Assistant	
PLUMBERS	4409-01	Supervisor, Plumbers	
PLUMBING	3905-11	Plumbing and Drainage Inspector	
T ESTIMATION	4409-11	Pipe Fitter (Plumbing)	
PLYWOOD	7413-01	Supervisor, Plywood Making Machine Operators	
	7413-21 7413-21	Plywood and Veneer Repairer Plywood Centre Feeder	
	7413-21	Plywood Centre Layer	-
	7413-21	Plywood Production Machine Operator	
	8199-15	Plywood Factory Hand	
POCKET	7427-13	Pocket Welt Machine Operator	
PODIATRIST	2319-11	Podiatrist	
POET	2809-11	Poet	
POKER	4399-13 8999-15	Poker Machine Servicer Poker Machine Attendant	
POLICE	1201-11	Police Commissioner	
	1319-11	Commissioned Police Officer	
	3501-01	Police Station Sergeant Police Supervisor	
	3501-01 3501-13	Plain Clothes Police Officer	
	4999-23	Police Diver	
POLICEMAN/WOMAN	3501-11	Policeman/woman	· ·
POLICY	1313-11	Public Policy Manager	
POLISHER	4209-11	Metal Polisher	
	4209-91	Apprentice Metal Polisher French Polisher	
	4905-19 4905-19	Furniture Polisher	
	4923-13	Gem Cutter and Polisher	
	4923-13	Opal Polisher	
	7419-15	Stone Polisher	
POLITICAL	2907-99	Political Scientist	
POLLUTION	2199-11	Air Pollution Analyst	
POLYMER	2217-15 2217-17	Polymer Engineer Polymer Scientist	
POOL	8911-99 8999-99	Pool Attendant Pool Serviceperson	
POPULAR	2815-15	Popular Singer	
PORCELAIN	7419-17	Porcelain Turner	
PORTAINER	7311-11	Portainer Operator	
PORTER	8903-01	Head Porter	
	8903-11	Luggage Porter	

KEYWORD	CODE	TITLE
	8921-11	Hospital Porter
PORTERS	8903-01	Supervisor, Luggage Porters
POSTAL	3905-99 5909-11 5909-13	Postal Services Field Manager Postal Clerk Postal Officer
POSTMAN/WOMAN	5605-13	Postman/woman
POSTMASTER/MISTRESS	1599-15	Postmaster/mistress
POSTMEN/WOMEN	5605-01	Supervisor, Postmen/women
POT	7315-11	Pot Operator (Aluminium)
POTTER	4925-13 4925-91	Potter Apprentice Potter
POTTERS	4925-01	Supervisor, Potters
POULTRY	1401-25 1401-25 3103-31 7431-19 8199-37 8199-37 8199-37 8201-99	Poultry Farm Manager Poultry Farmer Poultry Technician Poultry Saws Operator Poultry Boner Poultry Process Worker Poultry Slaughterman/woman Poultry Farm Hand
POURER	7401-13	Metal Pourer
POWDER	4909-11 7407-21 8101-99	Powder Monkey Powder Hand (Plastics) Powder Monkey's Assistant
POWER	2211-11 7301-01 7301-11 7301-11 7317-11 8101-15	Electrical Power Engineer Supervisor, Power Generation Plant Operators Power Generation Plant Operator Power Generation Turbine Room Operator Power Tong Operator Electrical Power Linesman/woman's Assistant
POWERLINE	4301-01 4301-91	Supervisor, Electrical Powerline Tradespersons Apprentice Electrical Powerline Tradesperson
PRACTITIONER	2301-11	General Medical Practitioner
PRAWNER	8925-13	Prawner
PRE-CAST	7419-11	Concrete Pre-cast Moulder
PRE-PRIMARY	2401-11	Pre-Primary School Teacher
PRE-SCHOOL	2401-11 2401-11 2905-13 6601-11	Pre-School Director Pre-School Teacher Pre-School Adviser Pre-School Aide
PRECIOUS	4923-01 4923-15 4923-91	Supervisor, Jewellery and Precious Metalware Tradespersons Precious Metal Smith Apprentice Jewellery and Precious Metalware Tradesperson
PRECISION	4213-01 4213-11 4213-91	Supervisor, Precision Metal Tradespersons Precision Instrument Maker and Repairer Apprentice Precision Metal Tradesperson
PREHISTORIAN	2907-99	Prehistorian
PREMIER	1101-11	Premier
PREMIX	7399-35	Premix Concrete Batcher
PREPARATION	7399-11 7399-15	Coal Preparation Plant Operator Paper Pulp Preparation Plant Operator

KEYWORD	CODE	TITLÈ
PREPARER	4503-11 4503-11 4503-11 4503-13 4503-15 4511-11	Gravure Plate Preparer Lithographic Plate Preparer Plate Preparer (Printing) Cylinder Preparer (Printing) Image Preparer (Printing) Screen Printing Stencil Preparer
	7413-15	Log Preparer
PRESS	2703-11 4505-17 7399-17 7399-33 7399-33 7401-17 7403-11 7407-19 7413-23 8199-29	Press Officer Newspaper Press Machinist (Metropolitan) Hardboard Press Operator Anode Press Operator Rodding Press Operator Metal Extrusion Press Operator Metal Press Operator Plastics Sheet Press Operator Wood Laminating Press Operator Newspaper Press General Hand
PRESS-TOOL	4101-11	Press-Tool Maker
PRESSER	8201-15 8917-11	Wool Presser Clothing Presser
PRESSURE	3299-11 3905-13 4205-15	Pressure Testing Technician Boilers and Pressure Vessels Inspector Pressure Welder
PRESSURISED	7499-99	Pressurised Container Filler
PREVENTION	7211-11	Fire Prevention Officer
PRIEST	2607-11	Priest
PRIMARY	2217-11 2403-11 2403-11 2403-11 3905-15	Primary Metallurgist Junior Primary School Teacher Primary School Teacher Primary Teacher-Librarian Primary Products Inspector
PRIME	1101-11	Prime Minister
PRINCIPAL	1317-11 2207-11	School Principal Principal Chemical Engineer
PRINT	7435-11	Print Finisher
PRINTED	3201-17	Printed Circuit Board Designer
PRINTER	4511-11 4511-91 7435-11	Screen Printer Apprentice Screen Printer Photographic Developer and Printer
PRINTERS	4511-01 7435-01	Supervisor, Screen Printers Supervisor, Photographic Developers and Printers
PRINTING	4503-11 4503-11 4503-13 4503-13 4503-15 4503-15 4503-15	Plate Maker(Printing) Plate Preparer (Printing) Proofer-Finisher (Printing) Cylinder Preparer (Printing) Proofer (Printing) Electronic Scanner Operator (Printing) Image Preparer (Printing) Process Camera Operator (Printing)
	4503-15 4505-01 4505-11 4505-13 4505-15 4505-19 4505-91 4511-11	Retoucher and Planner (Printing) Supervisor, Printing Machinists Letterpress Printing Machinist Lithographic Printing Machinist Flexographic or Gravure Printing Machinist Small Offset Printing Machinist Apprentice Printing Machinist Screen Printing Stencil Preparer

KEYWORD	CODE	TITLE
	6201-99 7423-11 7499-21	Sales Representative (Printing) Leather Printing Operator Printing Bindery Assistant
	7499-23 8199-29 8199-29	Printing Table Hand General Hand (Printing) Printing Machine Assistant
PRINTMAKER	2801-99	Printmaker
PRISON	3911-01 3911-11	Chief Prison Officer Prison Officer
PRIVATE	2505-11 2505-13 2505-13 2505-15 2505-17 2505-99 2505-99 3999-99	Art Teacher (Private) Music Teacher (Private) Singing Teacher (Private) Dance Teacher (Private) Drama Teacher (Private) Dressmaking Teacher (Private) Handicrafts Teacher (Private) Private Detective
PROBATION	3901-13	Probation Officer
PROCEDURES	2799-15	Procedures Analyst
PROCESS	2207-11 2211-13 3103-11 3201-15 3201-17 4503-15 7307-11 8199-31 8199-37 8199-39	Petrochemical Process Engineer Process Control Engineer Chemical Process Analyst Process Control Technical Officer Process Control Technician Process Camera Operator (Printing) Petroleum Process Unit Operator Glassware Process Assistant Poultry Process Worker Fish Process Worker
PROGEOGINA	8199-45	Egg Process Worker
PROCESSING	1311-11 1311-11 1311-11 5105-01	Data Processing Manager Operations Manager (Data Processing) Systems Manager (Data Processing) Supervisor, Word Processing Operators
	5105-11 5201-01 5201-13 7399-99 7413-01	Word Processing Operator Supervisor, Data Processing Machine Operators Data Processing Operator Oilseed Processing Operator Supervisor, Wood Processing Machine Operators
	7419-01 7419-15 7423-01 7423-11	Supervisor, Clay and Stone Processing Machine Operators Stone Processing Machine Operator Supervisor, Hide and Skin Processing Machine Operators Hide and Skin Processing Machine Operator
	7431-01 7431-11 7431-11 7431-13	Supervisor, Food Processing Machine Operators Food Processing Extruder Operator Grain and Cereal Processing Machine Operator Centrifuge Operator (Sugar Processing)
	7431-13 7431-13 7431-19 7431-27	Evaporator Boiler (Sugar Processing) Sugar Processing Machine Operator Meat and Fish Processing Machine Operator Food Processing Autoclave Operator
	7431-27 7431-99	Food Processing Retort Operator Food Processing Machine Operators nec
	7431-99 8199-11 8199-11 8199-11 8199-21 8199-21 8199-27	Pet Food Processing Machine Operator Metal Processing and Finishing Factory Hand Metal Processing and Finishing Labourer Metal Processing Marker Clay Processing Factory Hand Clay Processing Labourer Hide and Skin Processing Labourer
	8199-43 8415-15	Milk Processing Worker Mineral Ore Processing Labourer

KEYWORD	CODE	TITLE
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PROCUREMENT	1307-11 5505-13	Procurement Manager Procurement Clerk
PRODUCE	3905-15	Dairy Produce Inspector
PRODUCER	1305-13 1305-13 1305-13 1401-25 1401-25 2811-25 7435-11	Executive Producer Producer (Media) Television Producer Chicken Meat Producer Egg Producer Technical Producer Negative Producer and Cutter
PRODUCT	2219-99 2805-15 8109-11 8109-13 8109-15 8109-15 8109-17	Product Design Engineer Product Designer Product Grader Product Examiner Product Tester Product Testing Assistant Product Weigher
PRODUCTION	1305-11 3299-99 3903-01 4209-15 5501-01 5501-13 5501-13 7305-11 7307-15 7399-27 7407-01 7407-11 7409-01 7411-01 7411-01	Production Manager (Manufacturing and Mining) Production Planning Officer (Engineering) Supervising Technician, TV Production Operations Production Plater Supervisor, Production Recording Clerks Production Scheduling Clerk Production Recorder Production Tally Clerk Industrial Gas Production Operator Oil and Gas Production Testing Operator Cement Production Plant Operator Supervisor, Plastics Production Machine Operators Plastics Production Machine Setter Supervisor, Rubber Production Machine Operators Tyre Production Machine Operator Supervisor, Chemical Production Machine Operators Supervisor, Explosives Production Machine Operators Supervisor, Pharmaceuticals and Toiletries Production Machine Operators
	7411-11 7411-13 7413-19 7413-21 7417-01 7417-11 7421-01 7425-01	Pharmaceuticals and Toiletries Production Machine Operator Explosives Production Machine Operator Veneer Production Machine Operator Plywood Production Machine Operator Supervisor, Glass Production Machine Operators Glass Production Machine Operator Supervisor, Yarn Production Machine Operators Supervisor, Fabric Production Machine Operators
PRODUCTS	3905-15 6201-11 6201-23 6201-29 6301-15 6301-23 7315-15 7401-01 7405-11 7415-01 7419-01 7419-11 7419-13 7425-21 7431-21 7435-01 8103-11	Primary Products Inspector Sales Representative (Chemical Products) Sales Representative (Books and Paper Products) Sales Representative (Food, Drink and Tobacco Products) Sales Assistant (Food and Drink Products) Sales Assistant (Pharmaceutical Products and Toiletries) Clay Products Kiln Operator Supervisor, Basic Metal Products Machine Operators Other Metal Products Machine Operators Supervisor, Paper and Paper Products Machine Operators Paper Products Machine Operator Supervisor, Concrete Products Machine Operators Concrete Products Machine Operator Clay Products Machine Operator Textile Products Mender Dried Milk Products Maker Supervisor, Photographic Products Machine Operators Metal and Metal Products Assembler Wood Products Assembler

KEYWORD	CODE	TITLE
	8109-13 8199-15 8199-15 8199-17 8199-17 8199-25	Metal Products Viewer Wood and Wood Products Factory Hand Wood and Wood Products Labourer Pulp, Papermaking and Paper Products Factory Hand Pulp, Papermaking and Paper Products Labourer Rubber and Plastics Products Labourer
PROFESSIONAL	1601-13	Professional Builder
PROFESSOR	2501-11	Professor
PROFILE	4901-11	Automatic Profile Sander Operator
PROGRAM	4901-11 8901-13	Program Router Cutter Program Seller
PROGRAMME	5501-11	Programme Arranger
PROGRAMMER	2707-11 2707-13 2707-13 2707-13 2707-13 2707-15	Applications Programmer Communications Programmer Database Programmer Software Programmer Systems Programmer Analyst Programmer
PROJECTIONIST	3903-11 4999-17	Dubbing Projectionist (Sound Mixing) Motion Picture Projectionist
PROMOTIONS	2703-11	Promotions Officer
PROOF	5999-13	Proof Reader
PROOFER	4503-13	Proofer (Printing)
PROOFER-FINISHER	4503-11	Proofer-Finisher (Printing)
PROP	4401-11	Prop and Scenery Maker
PROPAGATOR	4801-11	Plant Propagator
PROPERTIES	6101-99	Properties Investment Manager
PROPERTY	6105-13	Real Estate Property Manager
PROSPECTING	3103-17 3103-17	Gravity Prospecting Observer Seismic Prospecting Observer
PROSPECTOR	8415-11	Prospector
PROSTHETICS	2303-39	Prosthetics and Orthotics Rehabilitation Specialist
PROSTHETIST	2399-99 4999-11	Prosthetist Dental Prosthetist
PROSTHODONTIST	2305-13	Prosthodontist
PROSTITUTE	6699-99	Prostitute
PROTECTIVE	8911-13	Protective Service Officer
PROTEIN	2107-15	Protein Chemist
PROTHONOTARY	2999-99	Prothonotary
PSYCHIATRIC	3401-19 3401-91	Registered Psychiatric Nurse Student Registered Psychiatric Nurse
PSYCHIATRIST	2303-21	Psychiatrist
PSYCHOLOGIST	2903-11 2903-13 2903-13 2903-15	Clinical Psychologist Educational Psychologist School Psychologist

2903-15

2903-15 2903-15 2903-15

2903-15

Industrial Psychologist

Military Psychologist Occupational Psychologist Organisational Psychologist

Sports Psychologist

KEYWORD	CODE	TITLE	A CONTRACTOR AND	
PUBLIC	1313-11 1313-11 1313-11 2703-11 2703-11 8999-99	Public Policy Mana Public Service Man Section Head (Publ Information Officer Public Relations Of Public Telephone M	ager ic Service) (Public Relations) ificer	
PUBLICAN	1505-11	Publican		
PUBLICATION	2805-13	Publication Designe	er	
PUBLICITY	2703-11	Publicity Officer		
PULP	7399-15 8199-17 8199-17	Pulp, Papermaking	ation Plant Operator and Paper Products Fo and Paper Products Lo	
PUMP	7307-13 7399-23	Well Treatment Pu Concrete Pump Op	* (1. C is 10. C is 1	
PUMPING	7307-11	Petroleum and Gas	Refining and Pumping	g Operator
PUPPETEER	2817-99	Puppeteer		
PURCHASING	1307-11 3913-11 5505-01 5505-13	Purchasing Manage Purchasing Officer Supervisor, Stock a Purchasing Clerk	er and Purchasing Clerks	
PURSER	3999-99 6609-01	Ship's Purser Aircraft Purser		
PYROMETALLURGICAL	2217-11	Pyrometallurgical E	Engineer	e ,

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KEYWORD	CODE	TITLE
QUALIFIED	4705-13	Qualified Cook
QUALITY	1305-11 2199-11 2217-13 3905-21 8109-13	Quality Control Manager Water Quality Analyst Quality Control Metallurgist Water Quality Inspector Quality Control Inspector
QUANTITY	2203-11	Quantity Surveyor
QUARANTINE	3905-15	Quarantine Inspector
QUARRY	8415-11	Quarry Labourer
QUARTERMASTER	7499-19	Quartermaster Gunner
QUEEN'S	2605-11	Queen's Counsel

KEYWORD	CODE	TITLE POPUL POPUL
RABBI	2607-11	Rabbi
RACE	3915-17	Race Steward
RACECOURSE	3915-17	Racecourse Official
RACING	3915-17 3915-17	Handicapper (Racing) Horse Racing Judge
RADAR	3999-99	Radar Operator
RADIAL	4103-13	Radial Driller (Metal)
RADIATION	2303-23	Radiation Oncologist
RADIO	2211-13 2807-13	Radio Engineer Radio Journalist
	2811-23 3201-15 3303-19 3903-01 3999-11	Director (Radio or Television) Radio Maintenance Officer Airworthiness Surveyor (Radio) Supervising Technician, Radio Operations Radio Operator
	3999-11 4211-17 4211-17 4211-17	Radio Operator Radio Telegraphist Aircraft Ground Engineer (Radio) Aircraft Maintenance Engineer (Radio) Aircraft Mechanic (Radio)
	4211-17 4211-17 4311-15	Examiner of Aircraft Radio Licensed Aircraft Maintenance Engineer (Radio) Radio Lineman/woman
	4313-01 4313-11 4313-11 4313-91 5501-11 5503-15	Supervisor, Radio and Television Servicers Radio and Television Repairer Radio and Television Servicer Radio Mechanic Apprentice Radio and Television Servicer Radio Traffic Scheduler Radio Despatcher
RADIOGRAPHER	2321-11 2321-13	Medical Diagnostic Radiographer Medical Therapeutic Radiographer
RADIOLOGICAL	2217-13	Radiological Metallurgist
RADIOLOGIST	2303-23 2303-23 2303-23	Diagnostic Radiologist Radiologist Therapeutic Radiologist
RAIL	7107-11 8909-11	Rail Car Driver Freight Handler (Road and Rail)
RAILWAY	1599-21 5503-99 6609-01 6609-15 7107-91 7299-11 7399-19 7399-19 8413-01 8413-11 8413-11 8911-11 8911-11	Railway Station Master/Mistress Railway Number Taker Senior Railway Steward Railway Conductor (Sleeping Car) Railway Steward Railway Fireman/woman Railway Fireman/woman Railway Shunter Railway Switching and Signalling Operator Railway Switching and Signalling Operator Railway Yard Assistant Supervisor, Railway Labourers Railway Fettler Railway Labourer Railway Track Patrolman/woman Railway Patrol Officer Railway Security Guard Railway Guard
	8999-25 8999-99	Railway Station Assistant Railway Crossing Attendant
RAISE	7317-11	Raise Drill Operator

KEYWORD	CODE	TITLE
RAISER	6501-15	Fund Raiser
RANGER	3999-31 3999-99	Park Ranger Forest Ranger
RANKS	1201-11 1201-11 1201-11	Air Force ranks above and including Air Commodore Army ranks above and including Brigadier Naval ranks above and including Commodore
RE-RECORDING	3903-11	Re-recording Mixer
REACH	7203-11	Reach Truck Driver
READER	2501-11 5999-11 5999-13	Reader Meter Reader Proof Reader
REAL	1599-17 6105-11 6105-11 6105-11 6105-13	Real Estate Agency Manager Real Estate Sales Representative Real Estate Salesperson Real Estate Sub-agent Real Estate Property Manager
RECEIVING	5503-11	Receiving and Despatching Clerk
RECEPTIONIST	5601-11	Receptionist
RECLAIMER	7309-11	Bucketwheel Reclaimer Operator
RECONSTRUCTIVE	2303-35	Plastic and Reconstructive Surgeon
RECORD	2799-11 2799-11	Medical Record Administrator Medical Record Librarian
RECORDER	3903-11 5501-13 8411-11	Video and Sound Recorder Production Recorder Survey Recorder
RECORDING	3903-01 5501-01 5503-01	Supervisor, Sound Recording and Reproduction Equipment Operators Supervisor, Production Recording Clerks Supervisor, Transport Recording and Despatching Clerks
RECORDIST	3903-11	Sound Recordist
RECORDS	5905-11 5999-11	Personnel Records Clerk Meter Records Clerk
RECOVERY	7299-99 7435-13	Recovery Mechanic (Army) Silver Recovery Operator
RECREATION	2999-17 2999-17	Recreation Adviser Recreation Officer
RECRUITMENT	2705-11	Recruitment Officer
RECYCLER	8999-27	Automotive Parts Recycler
REELED	7317-11	Reeled Tubing Operator
REFEREE	3915-19	Referee
REFINER	7399-31	Electrolytic Refiner
REFINING	7307-11	Petroleum and Gas Refining and Pumping Operator
REFRACTORY	4403-11	Refractory Bricklayer
REFRIGERATION	4307-01 4307-13 4307-13 4307-91 7303-11	Supervisor, Refrigeration and Air-Conditioning Mechanics Refrigeration Fitter Refrigeration Mechanic Apprentice Refrigeration and Air-Conditioning Mechanic Refrigeration Plant Operator
REFUGE	6601-21 6601-99	Refuge Worker Child Care, Refuge and Related Workers nec

KEYWORD	CODE	TITLÈ
REGIMENTAL	3999-33	Regimental Sergeant Major
REGIONAL	1201-11 2907-11	Regional Manager Urban and Regional Planner
REGISTERED	3401-11 3401-13 3401-15 3401-17 3401-19 3401-91 3401-91	Registered General Nurse Registered Community Health Nurse Registered Midwife Registered Mental Retardation Nurse Registered Psychiatric Nurse Student Registered Nurse Student Registered Psychiatric Nurse
REGISTRAR	2999-99 2999-99	Court Registrar Industrial Registrar
REGISTRY	5401-13	Registry Clerk
REGULATORY	3905-01	Supervisor, Inspectors and Regulatory Officers
REHABILITATION	2303-39 2303-39 2303-39 2303-39 2303-39 2603-11	Orthopaedic Rehabilitation Specialist Prosthetics and Orthotics Rehabilitation Specialist Specialist in Rehabilitation Medicine Spinal Injuries Rehabilitation Specialist Vocational Rehabilitation Specialist Rehabilitation Counsellor
RELATIONS	1309-11 2703-11 2703-11 2799-13	Personnel and Industrial Relations Manager Information Officer (Public Relations) Public Relations Officer Industrial Relations Officer
RELATIONSHIP	2603-13	Relationship Counsellor
RELAYS	3201-11	Relays Drafting Officer
RELIGION	2607-11	Minister of Religion
RELIGIOUS	1399-99 2607-11 2607-11	Religious Administrator Religious Brother Religious Sister
REMEDIAL	2407-11	Remedial Teacher
REMOTE	5201-13	Remote Computer Terminal Operator
REMOVALIST-DRIVER	7105-15	Furniture Removalist-Driver
REMOVALIST'S	8909-17	Furniture Removalist's Assistant
REMOVER	6699-15	Hair Remover
RENAL	2303-99 3101-99	Renal Specialist Renal Technician
RENDERER	4407-11	Cement Renderer
RENTAL	6599-17 6599-17	Rental Clerk Rental Salesperson
REPAIR	7299-11	Railway Track Repair Machine Operator
REPAIRER	4213-11	Camera Repairer
	4213-11 4213-11 4213-13 4213-17 4213-91 4213-91 4313-11 4907-13	Precision Instrument Maker and Repairer Scientific Instrument Maker and Repairer Watch and Clock Maker and Repairer Saw Maker and Repairer Apprentice Saw Maker and Repairer Apprentice Watch and Clock Repairer Radio and Television Repairer Boat Builder and Repairer
	4915-13 4915-91 4925-91	Shoe Repairer Apprentice Shoemaker and Repairer Apprentice Musical Instrument Maker and Repairer

KEYWORD	CODE	TITLE
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	4925-99 7413-21	Stringed Instrument Repairer Plywood and Veneer Repairer
REPAIRERS	4925-01	Supervisor, Musical Instrument Makers and Repairers
REPAIRING	4915-01	Supervisor, Shoemaking and Repairing Tradespersons
REPORTER	2807-13 5101-15	Reporter Court and Hansard Reporter
REPRESENTATIVE	5503-11 6103-11 6105-11 6201-11 6201-13 6201-15 6201-17 6201-17 6201-19 6201-21 6201-21 6201-23 6201-25 6201-27 6201-29 6201-31 6201-31 6201-35 6201-37 6201-99 6201-99	Circulation Representative Life Assurance Representative Real Estate Sales Representative Sales Representative (Chemical Products) Sales Representative (EDP Equipment) Sales Representative (Medical, Dental and Veterinary Equipment) Sales Representative (Communications Equipment) Sales Representative (Electronic Equipment except EDP) Sales Representative (Toys and Sporting Goods) Sales Representative (Advertising) Sales Representative (Business Services) Sales Representative (Books and Paper Products) Sales Representative (Floor Coverings and Furniture) Sales Representative (Floor Coverings and Furniture) Sales Representative (Household Goods and Domestic Hardware) Sales Representative (Toiletries) Sales Representative (Pharmaceuticals) Sales Representative (Textiles, Clothing and Footwear) Sales Representative (Jewellery and Watches) Sales Representative (Musical Goods) Sales Representative (Photographic Equipment and Supplies)
	6201-99	Sales Representative (Printing)
REPRODUCER	4903-11	Antique Furniture Reproducer
REPRODUCTION	3903-01 4503-01 4503-91 7435-11	Supervisor, Sound Recording and Reproduction Equipment Operators Supervisor, Graphic Reproduction Tradespersons Apprentice Graphic Reproduction Tradesperson Microfiche Reproduction Operator
RESAWYER	7413-13	Resawyer
RESCUE	3303-25 3303-25 3303-25	Air Observer (Rescue) Aircraft Crewman/woman (Military and Rescue) Helicopter Observer (Rescue)
RESEARCH	1399-13 1399-13 1399-13 2199-15 2907-99 2909-11 2999-15 3103-11 5999-19	Market Research Manager Research and Development Manager Research Manager Research Meteorologist Market Research Analyst Operations Research Analyst Research Workers nec Chemical Research Technical Officer Market Research Interviewer
RESERVATIONS	6405-11	Reservations Clerk
RESIDENTAL	3901-15	Residental Care Worker
RESORT	1505-11	Resort Manager
RESOURCE	2407-11	Resource Teacher
RESTAURANT	1503-11	Restaurant and Catering Managing Supervisor
RESTAURATEUR	1503-11	Restaurateur

KEYWORD	CODE	TITLE	
RESTORER	4903-11	Antique Furniture Restorer	
RETAIL	2307-15	Retail Pharmacist	
	3913-15	Retail Buyer	
RETARDATION	3401-17	Registered Mental Retardation Nurse	
RETICULATION	3203-11	Sewage Reticulation Drafting Officer	
RETORT	4403-11 7431-27	Retort Setter (Bricklaying) Food Processing Retort Operator	
RETOUCHER	3999-25 4503-15	Photograph Retoucher Retoucher and Planner (Printing)	
RETREADER	7409-11	Tyre Retreader	
REVISER	4503-13	Cylinder Reviser	
REWINDER	7415-13	Paper Rewinder Operator	
RHEUMATOLOGIST	2303-99	Rheumatologist	
RIDER	5605-11	Despatch Rider (Army)	
RIFLEMAN	7499-19	Rifleman	
RIG	7317-11	Service Rig Operator	
RIGGER	4999-27 8405-13	Parachute Rigger Rigger (Construction)	
RIGGER'S	8405-13	Rigger's Assistant	
RING	4923-11	Ring Maker	
RIPSAW	7413-13	Ripsaw Operator	
ROAD	3203-11 7105-13 7207-13 7299-99 7299-99 8409-01 8409-11	Road Design Draftsperson Road Train Driver Road Roller Operator Road Linemarker Road Sweeper Operator Road Ganger Road Maintenance Worker Freight Handler (Road and Rail)	
ROASTER	7315-15	Ore Roaster Operator	
ROASTING	7315-01	Supervisor, Roasting Plant Operators	
ROCK	7201-29 7317-11	Hydraulic Rock Breaker Operator Rock Drill Operator	
RODDING	7399-33	Rodding Press Operator	
ROLL	7409-99	Rubber Roll Builder	
ROLLER	7207-13 7399-13 7409-99	Road Roller Operator Metal Roller Rubber Roller Grinder Operator	
ROLLING	4203-17 7399-13 7399-13	Sheetmetal Rolling Machine Operator Metal Rolling Mill Operator Rolling Mill Assistant	
ROOF	4409-11 4411-01 4411-11 4411-11 4411-11 4411-91 8101-13 8415-11	Roof Plumber Supervisor, Roof Slaters and Tilers Roof Fixer Roof Shingler Roof Slater and Tiler Apprentice Roof Slater and Tiler Roof Slater and Tiler's Assistant Roof Bolter (Mining)	
ROOM	4101-01	Supervisor, Tool Room	

KEYWORD	CODE	TITLE
,	v	
	6505-01 6505-15 6599-13 7301-11 7435-11 8199-41	Dining Room Host/Hostess Dining Room Attendant Auction Room Attendant Power Generation Turbine Room Operator Dark Room Attendant Bread Room Hand
ROPE	7425-19	Rope and Cord Making Machine Operator
ROSTER	5905-11	Roster Clerk
ROTARY	7209-13 7317-11	Rotary Hoe Operator Rotary Drill Operator
ROTATIONAL	7407-15	Rotational Moulding Machine Operator
ROUGHNECK	8415-13	Roughneck
ROUNDSMAN/WOMAN	2807-13	Roundsman/woman (News)
ROUSEABOUT	8201-15	Rouseabout
ROUSTABOUT	8415-13	Roustabout
ROUTER	4901-11	Program Router Cutter
RUBBER	7409-01 7409-99 7409-99 7409-99 8199-25 8199-25	Supervisor, Rubber Production Machine Operators Rubber Knitting Machine Operator Rubber Roll Builder Rubber Roller Grinder Operator Rubber and Plastics Factory Hand Rubber and Plastics Products Labourer

SACK 7433-99 Sack and Bag Filler	KEYWORD	CODE	TITLE
SADDLER			
SAFEMAKER	SACK	7433-99	Sack and Bag Filler
SAFETY	SADDLER	4917-11	Saddler
2219-11	SAFEMAKER	4213-15	Safemaker
2219-17 Safety Engineer 3905-13 Safety Inspector 3905-27 Corporate Safety Officer 4999-27 Aircraft Safety Equipment Worker	SAFETY		
Safety Inspector Agency			
3905-27 Aircraft Safety Officer 4999-27 Aircraft Safety Equipment Worker 4997-91 Salimaker 4917-91 Apprentice Sailmaker Apprentice Sailmaker Apprentice Sailmaker SAILOR 8925-11 Salica			
SAILMAKER			
SAILOR		4999-27	
SALES 8925-11 Salior SALES 1303-11 Sales and Marketing Manager 6105-11 Sales Representative (EDP Equipment) 6201-13 Sales Representative (EDP Equipment) 6201-15 Sales Representative (IEDP Equipment) 6201-17 Sales Representative (Communications Equipment) 6201-17 Sales Representative (Communications Equipment) 6201-19 Sales Representative (Communications Equipment) 6201-19 Sales Representative (Euclipment) 6201-19 Sales Representative (Town and Sporting Goods) 6201-21 Sales Representative (Business Services) 6201-23 Sales Representative (Business Services) 6201-23 Sales Representative (Books and Paper Products) 6201-23 Sales Representative (Household Goods and Domestic Hardware) 6201-29 Sales Representative (Household Goods and Domestic Hardware) 6201-33 Sales Representative (Toiletries) 6201-35 Sales Representative (Toiletries, Clothing and Footwear) 6201-99 Sales Representative (Mexical Goods) 6201-99 Sales Representative (Mexical Goods) 6201-99 Sale	SAILMAKER	4917-15	
SALES		4917-91	Apprentice Sailmaker
6105-11 Sales Representative (Chemical Products) 5201-13 Sales Representative (EDP Equipment) 5201-15 Sales Representative (Medical, Dental and Veterinary Equipment) 5201-17 Sales Representative (Communications Equipment) 5201-17 Sales Representative (Communications Equipment) 5201-17 Sales Representative (Electronic Equipment except EDP) 5201-19 Sales Representative (Electronic Equipment except EDP) 5201-19 Sales Representative (Business Services) 5201-21 Sales Representative (Business Services) 5201-22 Sales Representative (Business Services) 5201-23 Sales Representative (Books and Paper Products) 5201-25 Sales Representative (Book and Paper Products) 5201-27 Sales Representative (Floor Coverings and Furniture) 5201-28 Sales Representative (Household Goods and Domestic Hardware) 5201-31 Sales Representative (Household Goods and Domestic Hardware) 5201-33 Sales Representative (Toiletries) 5201-35 Sales Representative (Household Goods and Domestic Hardware) 5201-37 Sales Representative (Household Goods and Footwear) 5201-99 Sales Representative (Houselery and Watches) 5201-99 Sales Representative (Houselery and Watches) 5201-99 Sales Representative (Photographic Equipment and Supplies) 5201-99 Sales Representative (Photographic Equipment and Supplies) 5201-99 Sales Representative (Photographic Equipment and Supplies) 5301-01 Supervisor, Sales Assistant 5301-11 Sales Assistant (Fabrics, Clothing and Footwear) 5301-15 Sales Assistant (Food and Drink Products) 6301-15 Sales Assistant (Fouriture, Floor Coverings and Household Goods) 6301-15 Sales Assistant (Pharmaceutical Products) 5301-25 Sales Assistant (Pharmaceutical Products) 5301-29 Sales Assistant (Pharmaceutical Products) 5301-29 Sales Assistant (Photographic Equipment and Supplies) 5301-29 Sales Assistant (Watc	SAILOR	8925-11	Sailor
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SALVAGE 8415-11 Salvage Miner		6599-17	Rental Salasperson
	SALVAGE	8415-11	Salvage Miner

KEYWORD	CODE	TITLE
SALVATION	2607-11	Salvation Army Officer
SAMMYING	7423-11	Sammying Machine Operator
SAMPLE	4911-13 8109-15	Apparel Sample Hand Coal Sample Tester
SAMPLER	8415-11	Mine Sampler
SANDBLASTER	7499-99	Sandblaster
SANDER	4901-11	Automatic Profile Sander Operator
SATURATION	4999-19 4999-21	Saturation Technician Saturation Diver
SAUCE	7431-27	Fruit Conserve and Sauce Maker
SAW	4213-17 4213-17 4213-17 4213-91 4901-11 7413-01 7413-13	Saw Doctor Saw Maker and Repairer Saw Sharpener Apprentice Saw Maker and Repairer Panel Saw Operator Supervisor, Saw Operators Trim Saw Operator
SAWMILL	7413-15° 7413-99 8199-13	Sawmill Docker Sawmill Moulder Operator Sawmill Labourer
SAWS	7431-19	Poultry Saws Operator
SAWYER	7413-11 7413-11 7413-13 7419-15	Breakdown Sawyer Head Sawyer Cant Gang Sawyer Stone Sawyer
SCAFFOLDER	8405-11	Scaffolder
SCALEMAKER	4213-11	Scalemaker and Adjuster
SCANNER	4503-15	Electronic Scanner Operator (Printing)
SCENE	2801-99	Scene Painter (Performing Arts)
SCENERY	4401-11	Prop and Scenery Maker
SCHEDULE	5501-11	Schedule Clerk
SCHEDULER	5501-11	Radio Traffic Scheduler
SCHEDULING	5501-11	Production Scheduling Clerk
SCHOOL	1317-11 2401-11 2403-01 2403-11 2403-11 2403-11 2405-01 2405-11 2503-01 2505-23 2903-13 2905-13 8301-13 8999-99	School Principal Pre-Primary School Teacher Senior Teacher, Infant-Primary School Infant School Teacher Junior Primary School Teacher Primary School Teacher Senior Teacher, Secondary School Secondary School Teacher Secondary School Teacher Secondary School Teacher-Librarian Head of School (TAFE) Ground School Instructor School Psychologist School Inspector School Superintendent School Cleaner School Crossing Attendant
SCIENCE	3103-15 3103-15 3103-17 3103-17	Earth Science Technical Officer Soils Science Technical Officer Earth Science Technician Soil Science Technician

KEYWORD	CODE	TITLE COMMON BURNESS	
Secretary and a secretary of the second or second			
	3103-25 3103-27	Life Science Technical Officer Life Science Technician	
SCIENTIFIC	4213-11	Scientific Instrument Maker and Repairer	
SCIENTIST	2107-19 2107-19 2107-25 2109-11 2109-11	Horticultural Scientist Plant Scientist Forest Scientist Clinical Laboratory Scientist Medical Laboratory Scientist	
	2109-13 2199-11 2199-13 2217-17 2217-17	Clinical Physical Scientist Environmental Scientist Soil Scientist Ceramics Scientist Materials Scientist	
SCOURING	2217-17 2707-23 2907-99 7421-15	Polymer Scientist Computer Scientist Political Scientist Wool Scouring Operator	
SCRAP	6501-11 6501-11	Scrap Materials Buyer Scrap Merchant	
SCRAPER	7201-13	Scraper Operator (Earthmoving)	
SCREEN	4511-01 4511-11 4511-11 4511-91 8401-13 8415-15	Supervisor, Screen Printers Screen Printer Screen Printing Stencil Preparer Apprentice Screen Printer Shower Screen Installer Screen and Loadout Attendant	
SCREENSMAN/WOMAN	7431-11	Screensman/woman	
SCREENWRITER	2809-11	Screenwriter	
SCRIP	5303-13	Scrip Clerk (Stockbroking)	
SCRIPT	2809-11 2809-15	Script Writer Script Editor	. ,
SCULPTOR	2801-13	Sculptor	
SCYTHE	7209-13	Auto Scythe Operator	
SEAGRASS	8299-99	Kelp and Seagrass Gatherer	
SEAM	7317-11	Coal Seam Drill Operator	
SEAMAN	3305-13	Seaman Officer (Navy)	
SEAMAN/WOMAN	8925-11	Seaman/woman	
SEAMSTRESS	4911-13	Seamstress	
SEARCHER	5907-13	Title Searcher	
SECOND	2407-99 4103-19 4203-17 4205-19 4209-15	Teacher of English as a Second Language Metal Machinist (Second Class) Sheetmetal Worker (Second Class) Welder (Second Class) Electroplater (Second Class)	
SECONDARY	2217-13 2405-01 2405-11 2405-11	Secondary Metallurgist Senior Teacher, Secondary School Secondary School Teacher Secondary School Teacher-Librarian	
SECRETARIES	5101-01	Supervisor, Office Secretaries and Stenographers	S
SECRETARY	1201-11 1301-11 3999-99 5101-11	Trade Union Secretary Company Secretary Agricultural Secretary Legal Secretary	

KEYWORD	CODE	TITLE
	5101-11 5101-11 5101-11	Office Secretary Personal Secretary Stenographic Secretary
SECTION	1313-11	Section Head (Public Service)
SECURITIES	6101-11	Securities Dealer
SECURITY	2707-25 8401-13 8911-01 8911-11 8911-13 8911-13	EDP Security Analyst Security Door Installer Supervisor, Guards and Security Officers Railway Security Guard Security Guard Security Officer Security Patrol Officer
SEED	1401-11 8201-99	Seed Farmer Seed Cleaner and Pickler
SEISMIC	3103-17 8411-11	Seismic Prospecting Observer Seismic Survey Assistant
SEISMOGRAPH	4909-11	Seismograph Shooter
SEISMOLOGIST	2103-13	Seismologist
SELECTION	2999-99	Military Personnel Selection Assessor
SELLER	6405-11 8901-13	Ticket Seller Program Seller
SEMI-TRAILER	7105-13	Semi-Trailer Driver
SENATOR	1101-11	Senator
SENIOR	2403-01 2405-01 6609-01 6609-01	Senior Teacher, Infant-Primary School Senior Teacher, Secondary School Senior Flight Attendant Senior Railway Steward
SEPARATION	3103-17	Mineral Separation Technician
SEPARATOR	7399-11 8199-33	Ore Separator Operator Offal Separator
SEPTIC	4409-15	Septic Tank Installer
SERGEANT	3501-01 3999-33 3999-33	Police Station Sergeant Company Sergeant Major Regimental Sergeant Major
SERVICE	1313-11 1313-11 1501-11 3303-13 3303-93 4103-11 5601-13 6403-11 6505-11 6505-11 6599-19 6599-21 7317-11	Public Service Manager Section Head (Public Service) Service Station Manager Flight Service Officer Trainee Flight Service Officer Service Fitter Customer Service Officer Service Station Console Operator Formal Service Waiter/Waitress Silver Service Waiter/Waitress Service Counter Clerk Service Station Attendant Service Rig Operator
	8911-13	Protective Service Officer
SERVICEMAN/WOMAN	4311-15	Telecommunications Line Serviceman/woman
SERVICEMAN/WOMAN-IN- TRAINING	4311-91	Telecommunications Line Serviceman/woman-in-Training
SERVICEPERSON	8921-13 8999-99	Hospital Food Serviceperson Pool Serviceperson

KEYWORD	CODE	TITLE
SERVICER	4303-13 4313-11 4313-91 4315-11 4315-13 4315-91 4315-91 4399-13	Electrical Appliance Servicer Radio and Television Servicer Apprentice Radio and Television Servicer Office Equipment Servicer Computer Servicer Apprentice Office Equipment and Computer Servicer Trainee Office Equipment and Computer Servicer Poker Machine Servicer Vending Machine Servicer
SERVICERS	4313-01 4315-01	Supervisor, Radio and Television Servicers Supervisor, Office Equipment and Computer Servicers
SERVICES	3905-99 6201-21 6405-11	Postal Services Field Manager Sales Representative (Business Services) Airline Traffic Officer (Passenger Services)
SET	2805-13	Set Designer
SETTER	4103-13 4103-17 4403-11 4407-13	Machine Setter (Metal) Die Setter Retort Setter (Bricklaying) Fibrous Plaster Setter
	4901-11 4923-11 7407-11 7407-11 7407-11 7407-11 7407-11 7415-15	Woodworking Machine Setter Gem Setter Cellular Plastics Machine Setter Plastics Extruding Machine Setter Plastics Moulding Machine Setter Plastics Production Machine Setter Thermoforming Machine Setter Carton Cutting and Crease Forme Setter
SETTER-OUT	4401-13	Joinery Setter-out
SEWAGE	3203-11 7399-29	Sewage Reticulation Drafting Officer Sewage Plant Operator
SEWER	7427-13	Glove Sewer
SEWING	4103-11 4103-91 7427-01 7427-11 7427-13	Sewing Machine Mechanic Apprentice Sewing Machine Mechanic Supervisor, Textile Sewing Machinists Textile Sewing Machinist (Single Needle) Textile Sewing Machinist (Multi Needle)
SHACKLER	8199-33	Stunner and Shackler (Abattoir)
SHAFT	7317-11	Shaft Sinker
SHALLOW	4999-23	Shallow Water Diver
SHARPENER	4213-17 7405-11	Saw Sharpener Knife Sharpener
SHAVING	7423-11	Leather Splitting and Shaving Machine Operator
SHEARER	4929-11	Shearer
SHEARERS'	4705-99	Shearers' Cook
SHEARING	4929-01 4929-01 4929-03 8201-15	Overseer, Shearing Shed Shearing Contractor Shearing Shed Expert Shearing Shed Hand
SHEATHER	7407-25	Wire Sheather
SHEATHING	7407-25	Sheathing Extruder
SHED	4929-01 4929-03 8201-15	Overseer, Shearing Shed Shearing Shed Expert Shearing Shed Hand
SHEEP	1401-21	Sheep Farm Manager

KEYWORD	CODE	TITLE
	1401-21	Sheep Farmer
	1401-21	Sheep Station Manager
	1401-21	Sheep Stud Farmer
SHEET	7407-19	Plastics Sheet Press Operator
	8199-25	Plastic Sheet Fabricator
SHEETMETAL	4203-01	Supervisor, Sheetmetal Tradespersons
	4203-11 4203-11	Sheetmetal Patternmaker Sheetmetal Worker (First Class)
	4203-17	Sheetmetal Rolling Machine Operator
	4203-17	Sheetmetal Worker (Second Class)
	4203-91	Apprentice Sheetmetal Tradesperson
SHELF	8907-11	Shelf Stacker (Store)
SHERIFF	5907-99	Sheriff
SHERIFF'S	5907-99	Sheriff's Officer
SHIFT	7201-01	Shift Boss (Mining)
SHINGLER	4411-11	Roof Shingler
SHIP'S	3305-11	Merchant Ship's Captain
	3305-11	Ship's Captain
	3305-11	Ship's Master
	3305-11	Ship's Pilot
	3305-13 3305-13	Ship's Mate Ship's Navigating Officer
	3305-13	Ship's Officer
	3307-11	Ship's Engineer Officer
	3999-99	Ship's Purser
	4907-11	Ship's Carpenter
	4907-91	Apprentice Ship's Carpenter
SHIPBUILDING	3299-99	Shipbuilding Design Drafting Officer
SHIPPING	1307-11	Shipping Manager
	5503-11 7307-11	Shipping Clerk Petroleum Shipping Plant Operator
SHIPWRIGHT	4907-11	Shipwright
	4907-91	Apprentice Shipwright
SHIRT	8105-99	Shirt Packer
SHOE	4915-13	Shoe Repairer
SHOEMAKER	4915-11	Bespoke Shoemaker
	4915-11	Shoemaker
	4915-11 4915-91	Surgical Shoemaker Apprentice Shoemaker and Repairer
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SHOEMAKING	4915-01 7429-11	Supervisor, Shoemaking and Repairing Tradespersons Inker Machine Operator (Shoemaking)
	7429-11	Shoemaking Cementer
	7429-11	Shoemaking Finisher
, *	7429-11	Shoemaking Machine Operator
	7429-11	Shoemaking Table Hand
SHOOTER	4909-11	Seismograph Shooter
SHOOTER-TRAPPER	8299-11	Shooter-Trapper
SHOP	1501-11	Shop Manager
	4401-11	Shop Fitter
	6301-15	Bottle Shop Attendant
	6301-23	Chemist Shop Assistant
SHORTHAND-TYPIST	5101-13	Shorthand-Typist
SHOT	8101-99	Shot Firer's Assistant

KEYWORD	CODE	TITLE ROOM
SHOT-FIRER	4909-11	Shot-firer
SHOVEL	7201-21 7201-91 7201-91	Mining Shovel Operator Shovel Greaser Shovel Oiler
SHOWCARD	3999-17	Showcard Ticket Writer
SHOWER	8401-13	Shower Screen Installer
SHRINK	7433-99	Shrink Wrap Operator
SHUCKER	8925-13	Abalone Shucker
SHUNTER	7399-19	Railway Shunter
SIGNALLER	3999-99	Signaller (Defence Forces)
SIGNALLING	7399-19	Railway Switching and Signalling Operator
SIGNCRAFTSMAN/WOMAN	4405-15	Signcraftsman/woman
SIGNWRITER	4405-15 4405-91	Signwriter Apprentice Painter, Decorator and Signwriter
SIGNWRITER'S	8101-13	Signwriter's Assistant
SIGNWRITERS	4405-01	Supervisor, Painters, Decorators and Signwriters
SILVER	6505-11 7435-13	Silver Service Waiter/Waitress Silver Recovery Operator
SILVERER	4921-11	Glass Silverer
SILVERSMITH	4923-15 4923-91	Silversmith Apprentice Silversmith
SINGER	2815-13 2815-15 2815-99	Concert and Opera Singer Popular Singer Chorus Singer
SINGING	2505-13	Singing Teacher (Private)
SINGLE	7427-11	Textile Sewing Machinist (Single Needle)
SINKER	4101-11 7317-11 7317-11	Die Sinker Shaft Sinker Winze Sinker
SISTER	2607-11 3401-01	Religious Sister Charge Sister
SITTER	6601-15	Baby Sitter
SIZE-GRADING	7431-99	Food Size-grading Operator
SIZER	7425-11	Warp Sizer
SKIDDER	7205-11	Skidder Operator
SKIN	3913-13 3999-37 7423-01 7423-11 7423-11 8199-27	Hide and Skin Buyer Hide and Skin Classer Supervisor, Hide and Skin Processing Machine Operators Hide and Skin Fleshing Machine Operator Hide and Skin Processing Machine Operator Hide and Skin Processing Labourer
SKINNER	8199-33	Animal Skinner
SKIPMAN/WOMAN	7313-11	Skipman/woman
SKIPPER	3305-11	Pearling Skipper
SLAB	8403-11	Concrete Slab Layer
SLASHER	7425-11	Textile Slasher
SLATER	4411-11	Roof Slater and Tiler

KEYWORD	CODE	TITLE
	4411-91 8101-13	Apprentice Roof Slater and Tiler Roof Slater and Tiler's Assistant
SLATERS	4411-01	Supervisor, Roof Slaters and Tilers
SLAUGHTERMAN/WOMAN	4701-15 4701-91 8199-37	Slaughterman/woman Apprentice Slaughterman/woman Poultry Slaughterman/woman
SLEEPER	8203-15	Sleeper Cutter
SLEEPING	6609-15	Railway Conductor (Sleeping Car)
SLICER	7413-19 8199-35	Veneer Lathe and Slicer Operator Meat Boner and Slicer
SLIDE	7435-11	Slide Developer
SLINGER	8499-13	Slinger
SMALL	4505-19 4601-13 4601-91	Small Offset Printing Machinist Small Engine Mechanic Apprentice Small Engine Mechanic
SMALLGOODS	4701-01 4701-13 4701-91 7431-19	Supervisor, Smallgoods Makers Smallgoods Maker Apprentice Smallgoods Maker Smallgoods Machine Operator
SMELTING	2207-11 7315-01 7315-11	Smelting Engineer Supervisor, Smelting Plant Operators Smelting Furnace Operator
SMITH	4201-11 4923-15	Forging Smith Precious Metal Smith
SMOKEHOUSE	7431-19 7431-19	Fish Smokehouse Operator Meat Smokehouse Operator
SMUTTERMAN/WOMAN	7431-11	Smutterman/woman
SNUBBING	7317-11	Snubbing Unit Operator
SOAKING	7315-13	Soaking Pit Furnace Operator
SOAP	7411-11	Soap Maker
SOCIAL	2601-11 2601-13 2601-15 3901-15	Social Planner and Administrator Community Social Worker Social Case Worker Social Worker Associate
SOCIETY	1507-11	Building Society Manager
SOCIOLOGIST	2907-99	Sociologist
SOFT	7431-15 7431-15	Soft Drink and Syrup Making Machine Operator (except Dairy) Soft Drink Mixer
SOFTWARE	2707-13 2707-19 2707-19 2707-19	Software Programmer Computer Systems Designer (Software) Computer Systems Engineer (Software) Software Engineer
SOFTWOOD	8203-11	Softwood Faller
SOIL	2107-23 2107-99 2199-13 2199-13 3103-17	Soil Zoologist Soil Biologist Soil Conservationist Soil Scientist Soil Science Technician
SOILS	3103-15	Soils Science Technical Officer
SOLDERER	4205-19	Solderer

KEYWORD	CODE	TITLÉ TO BOOK DE LA COMPANIA
SOLICITOR	2605-13	Solicitor
SOLID	4407-11	Solid Plasterer
SOLUTION	7399-11	Ore Treating Solution Operator
SONAR	3999-99	Sonar Operator
SONGWRITER	2815-19	Songwriter
SORTER	5403-11	Mail Sorter
	8917-11	Linen Sorter
SORTERS	5403-01	Supervisor, Mail Sorters
SORTING	5499-11	Other Filing, Sorting and Copying Clerks
SOUND	3903-01	Supervisor, Sound Recording and Reproduction Equipment Operators
	3903-11	Dubbing Projectionist (Sound Mixing)
	3903-11	Sound Editor
	3903-11 3903-11	Sound Mixer Sound Recordist
	3903-11	Sound Technician
	3903-11	Video and Sound Recorder
	3903-99	Sound Effects Person
SOUS-CHEF	4705-11	Sous-Chef
SPECIAL	3903-99	Special Effects Person
	4205-17	Welder (Special Class)
	4309-13	Electrician (Special Class)
	6601-99	Special Teaching Assistant
SPECIALIST	2303-19	Orthopaedic Specialist
	2303-23	Nuclear Medicine Specialist
	2303-27 2303-27	Cardiovascular Specialist Thoracic Specialist
	2303-27	Ear, Nose and Throat Specialist
	2303-39	Orthopaedic Rehabilitation Specialist
	2303-39	Prosthetics and Orthotics Rehabilitation Specialist
	2303-39	Specialist in Rehabilitation Medicine
	2303-39	Spinal Injuries Rehabilitation Specialist
	2303-39	Vocational Rehabilitation Specialist
	2303-41	Infectious Diseases Specialist
	2303-41 2303-99	Specialist Physician Industrial Medicine Specialist
	2303-99	Occupational Medicine Specialist
	2303-99	Renal Specialist
	2305-13	Dental Specialist
	2399-99	Chinese Medicine Specialist
SPECTROSCOPIC	7299-99	Specialist Vehicles Operator (Army)
	3103-19	Spectroscopic Technical Officer
SPEECH	2315-11 2315-11	Speech Pathologist Speech Therapist
SPINAL	2303-39 3401-99	Spinal Injuries Rehabilitation Specialist Spinal Injuries Nurse
CDIMINED		
SPINNER	4203-15 4203-91	Metal Spinner Apprentice Metal Spinner
SPINNERS	4203-01	Supervisor, Metal Spinners
SPINNING	7421-11	Yarn Carding and Spinning Machine Operator
SPIRIT	7431-17	Spirit Blender
SPLICING	7413-19	Veneer Splicing Machine Operator
SPLITTER	8199-35	Carcass Splitter
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KEYWORD	CODE	TITLE
SPLITTING	7423-11	Leather Splitting and Shaving Machine Operator
SPOOLER	7435-13	Film Spooler
SPORT	3915-11 3915-19	Coach (Sport) Linesman/woman (Sport)
SPORTING	4803-01 6201-19	Sporting Facility Curator Sales Representative (Toys and Sporting Goods)
SPORTS	1599-13 1599-13 2505-99 2903-15 3915-11 6301-99	Sports Centre Administrator Sports Centre Manager Sports Instructor Sports Psychologist Sports Trainer Sales Assistant (Sports Equipment and Toys)
SPORTSPERSONS	3915-15	Other Sportspersons
SPRAY	8107-11	Industrial Spray Painter
SPRAYER	7405-11 7405-11 7405-11	Metal Sprayer Plasma Sprayer Thermal Sprayer
SPRINGMAKER	4201-11	Springmaker
SPRINGMAKING	7405-11	Springmaking Machine Operator
SPRINKLER	4409-11 4409-91	Sprinkler Fitter Apprentice Sprinkler Fitter
STABLE	8201-11	Stable Hand
STACKER	7309-11 8199-13 8907-11	Ore Stacker Operator Timber Stacker Shelf Stacker (Store)
STAFF	2705-15	Staff Development Officer
STAGE	2811-11 2811-15 2811-21 8999-99	Art Director (Television, Film or Stage) Director (Film or Stage) Stage Manager Stage Assistant
STAGEHAND	8999-99	Stagehand
STAKING	7423-11	Staking Machine Operator
STAMP	5999-99	Stamp Classifier
STATION	1401-17 1401-21 1501-11 1599-21 1599-99 3501-01 6403-11 6599-21 7301-11 8201-11	Beef Cattle Station Manager Sheep Station Manager Service Station Manager Railway Station Master/Mistress Stock and Station Agency Manager Police Station Sergeant Service Station Console Operator Service Station Attendant Hydro-electric Station Operator Station Hand Railway Station Assistant
STATIONARY	7303-11 7399-01	Stationary Engine and Boiler Operator Supervisor, Other Stationary Plant Operators
STATIONER	1501-11	Stationer
STATIONERY	6301-21	Sales Assistant (Stationery, Newspapers and Books)
STATISTICAL	5305-01 5305-11	Supervisor, Statistical and Actuarial Clerks Statistical Clerk
STATISTICIAN	2909-13 2909-13	Mathematical Statistician Statistician

KEYWORD	CODE	TITLE OF PART OF THE
STEEL	4205-01 4205-13 4205-91 4205-91	Supervisor, Structural Steel, Boilermaking and Welding Tradespersons Structural Steel Tradesperson Apprentice Structural Steel Tradesperson Apprentice Structural Steel, Boilermaking and Welding Tradesperson
	7401-13 8405-15 8405-17	Teemer (Iron and Steel) Steel Fixer Structural Steel Erector
STEELMAKING	7315-11	Basic Oxygen Steelmaking Furnace Operator
STENCIL	4511-11	Screen Printing Stencil Preparer
STENOGRAPHER	5101-13	Office Stenographer
STENOGRAPHERS	5101-01	Supervisor, Office Secretaries and Stenographers
STENOGRAPHIC	5101-11	Stenographic Secretary
STEREOTYPER	4509-11 4509-91	Stereotyper and Electrotyper Apprentice Stereotyper and Electrotyper
STEREOTYPERS	4509-01	Supervisor, Stereotypers and Electrotypers
STEWARD	3915-17 6609-01 6609-01 6609-13 6609-15 6699-99	Race Steward Chief Marine Steward Senior Railway Steward Marine Steward Railway Steward Military Steward
STEWARD/STEWARDESS	6503-11 6505-13 6505-15	Bar Steward/Stewardess Wine Steward/Stewardess Food Steward/Stewardess
STEWARDS	6609-01	Supervisor, Travel Stewards
STICKER	8199-33	Abattoir Sticker
STOCK	1599-99 5505-01 5505-11 6101-11 6101-11 7105-13 7413-17	Stock and Station Agency Manager Supervisor, Stock and Purchasing Clerks Stock Clerk Stock Exchange Dealer Trading Floor Operator (Stock Exchange) Stock Transport Driver Timber Stock Cutter
STOCKBROKING	1599-99 5303-13 5303-13	Stockbroking Firm Manager Scrip Clerk (Stockbroking) Stockbroking Clerk
STOCKFEED	4799-11 7431-11	Stockfeed Miller Stockfeed Milling Machine Operator
STOCKMAN/WOMAN	8201-11	Stockman/woman
STONE	4999-15 7399-11 7419-01 7419-15 7419-15 7419-15	Stone Fixer Ore and Stone Crusher Operator Supervisor, Clay and Stone Processing Machine Operators Stone Polisher Stone Processing Machine Operator Stone Sawyer
STONEMASON	4999-15 4999-91	Stonemason Apprentice Stonemason
STONEMASONRY	7419-15	Stonemasonry Machinist
STOPE	4909-13	Stope Miner
STORE	1501-11 8907-11	Hardware Store Manager Shelf Stacker (Store)

KEYWORD	CODE	TITLE
STOREKEEPER	1501-11	General Storekeeper
STOREMAN/WOMAN	8907-11	Storeman/woman
STOREMEN/WOMEN	8907-01	Supervisor, Storemen/women
STORES	5505-11 8907-11 8907-11	Stores Clerk Stores Assistant Stores Despatch Hand
STRADDLE	7203-13	Straddle Carrier Operator
STRAPPER	8201-11	Strapper
STRAPPING	7433-99	Strapping Machine Attendant
STREAM	3905-25	Stream Control Officer
STREET	6501-01 6501-17	Supervisor, Street Vendors, Canvassers and Sales Drivers Street Vendor
STRESS	7413-99	Machine Stress Grader Operator
STRIKER	8101-11	Blacksmith's Striker
STRINGED	4925-99	Stringed Instrument Repairer
STRIPPER	8403-11	Concrete Formwork Stripper
STRIPTEASE	2813-13	Striptease Artist
STRUCTURAL	2209-11 3203-11 3203-11 4205-01 4205-13 4205-13 4205-13	Structural Engineer Structural Design Draftsperson Structural Engineering Drafting Officer Supervisor, Structural Steel, Boilermaking and Welding Tradespersons Structural Boilermaker Structural Metal Fabricator Structural Steel Tradesperson
	4205-91 4205-91 8405-17	Apprentice Structural Steel Tradesperson Apprentice Structural Steel, Boilermaking and Welding Tradesperson Structural Steel Erector
STRUCTURES	4405-11	Industrial Painter (Structures)
STUD	1401-17 1401-19 1401-21 1401-27 1401-27 1401-27 8201-11	Beef Cattle Stud Farmer Dairy Cattle Stud Farmer Sheep Stud Farmer Horse Stud Farmer Horse Stud Manager Stud Master/Mistress Stud Hand
STUDENT	2603-99 2607-11 3401-91 3401-91 6603-91	Student Counsellor Student Minister Student Registered Nurse Student Registered Psychiatric Nurse Student Enrolled Nurse
STUDENTS	2407-13	Teacher of Disabled or Gifted Students
STUDIES	2407-99	Teacher of Multi-cultural Studies
STUDIO	1305-13 3999-23 3999-23 8999-99	Studio Manager Photographic Studio Assistant Photographic Studio Technician Studio Hand
STUDY	2799-15	Work Study Officer
STUNNER	8199-33	Stunner and Shackler (Abattoir)
STUNTMAN/WOMAN	2817-99	Stuntman/woman

KEYWORD	CODE	TITLE
SUB ASSNE		
SUB-AGENT	6105-11	Real Estate Sub-agent
SUB-EDITOR	2807-11	Sub-editor
SUBSTATION	3201-11	Substation Design Draftsperson
SUGAR	1401-13 1401-13 3905-15 7303-11	Sugar Cane Farm Manager Sugar Cane Grower Sugar Cane Inspector Sugar Mill Engine Driver
	7431-13 7431-13	Centrifuge Operator (Sugar Processing) Evaporator Boiler (Sugar Processing)
	7431-13 7431-13 7431-13	Sugar Boiler and Pan Operator Sugar Cane Crusher Operator Sugar Dryer Operator
	7431-13 7431-13	Sugar Melthouse Attendant Sugar Processing Machine Operator
SUPERANNUATION	5303-11	Superannuation Fund Clerk
SUPERCALENDER	7415-13	Supercalender Operator (Papermaking)
SUPERINTENDENT	1201-11 1315-11 1399-99 1399-99 2905-13 3999-31 4803-01	Medical Superintendent Nursing Superintendent Ambulance Superintendent Marine Engineer Superintendent School Superintendent Park Superintendent Golf Course Superintendent
SUPERMARKET	1501-11	Supermarket Manager
SUPERVISING	3903-01 3903-01	Supervising Technician, Radio Operations Supervising Technician, TV Production Operations
SUPERVISOR	1503-11 1503-11 1599-11 3207-11 3401-01 3401-01	Mess Supervisor (Defence Forces) Restaurant and Catering Managing Supervisor Hairdressing Establishment Managing Supervisor Building Construction Supervisor Nursing Supervisor Ward Supervisor
	3501-01 3903-01 3903-01	Police Supervisor Supervisor, Performing Arts Support Workers Supervisor, Sound Recording and Reproduction Equipment Operators
	3903-01 3905-01 3999-01 3999-33 4101-01	Lighting Supervisor Supervisor, Inspectors and Regulatory Officers Supervisor, Other Para-Professionals Military Disciplinary Supervisor
	4101-01 4103-01 4201-01 4203-01	Supervisor, Tool Room Supervisor, Toolmakers Supervisor, Metal Fitters and Machinists Supervisor, Forging Tradespersons Supervisor, Metal Spinners
	4203-01 4205-01	Supervisor, Sheetmetal Tradespersons Supervisor, Structural Steel, Boilermaking and Welding Tradespersons
	4207-01 4209-01 4211-01 4213-01 4301-01	Supervisor, Metal Casting Tradespersons Supervisor, Metal Finishing Tradespersons Supervisor, Aircraft Maintenance Engineers Supervisor, Precision Metal Tradespersons Supervisor, Floatrical Powerling Tradespersons
	4303-01 4305-01 4307-01	Supervisor, Electrical Powerline Tradespersons Supervisor, Electrical Fitters Supervisor, Automotive Electricians Supervisor, Refrigeration and Air-Conditioning Mechanics
	4309-01 4311-01 4311-01 4313-01	Supervisor, Electrical Mechanics Supervisor, Communications Equipment Tradespersons Telecommunications Line Supervisor Supervisor, Radio and Television Servicers

4315-01		Office Equipment and Computer Servicers
4399-01		Lift Mechanics
4399-01		Other Electrical and Electronics Tradespersons
4401-01		Carpenters and Joiners
4403-01	Supervisor,	•
4405-01	-	Painters, Decorators and Signwriters
4407-01	Supervisor,	
4409-01	Supervisor,	
4409-01	Supervisor,	
4409-01	Supervisor,	
4411-01		Roof Slaters and Tilers
4413-01 4501-01		Wall and Floor Tilers Compositors
4503-01	and the second second second	Graphic Reproduction Tradespersons
4505-01		Printing Machinists
4507-01		Binders and Finishers
4509-01		Stereotypers and Electrotypers
4511-01		Screen Printers
4601-01		Vehicle Mechanics
4603-01		Panel Beaters
4605-01		Vehicle Painters
4607-01	Supervisor,	Vehicle Body Makers
4609-01	Supervisor,	Vehicle Trimmers
4701-01	Supervisor,	Abattoir Workers
4701-01		Meat Tradespersons
4701-01		Smallgoods Makers
4703-01		Bakers and Pastrycooks
4705-01	Supervisor,	
4799-01		Buttermakers
4799-01		Cheesemakers
4799-01 4799-01		Confectioners
4799-01 4799-01	Supervisor,	Other Food Tradespersons
4801-01		Nurserymen/women
4801-01	•	Plant Nursery
4805-01		Landscape Gardeners
4901-01		Wood Machinists and Turners
4903-01		Cabinetmakers
4905-01		Cane Furniture Makers
4905-01	Supervisor,	Coopers
4905-01		Furniture Finishers
4905-01	Supervisor,	Other Wood Tradespersons
4905-01		Picture Framers
4905-01		Wood Carvers
4907-01		Marine Construction Tradespersons
4909-01		Blasting Tradespersons
4911-01		Dressmakers
4911-01	Supervisor,	
4911-01		Garment Tradespersons
4911-01 4913-01	Supervisor,	Upholsterers and Bedding Tradespersons
4915-01		Shoemaking and Repairing Tradespersons
4917-01	The second secon	Other Leather and Canvas Tradespersons
4919-01		Carpet Layers
4919-01	•	Floor Coverers
4921-01		Glass Tradespersons
4923-01	and the same of th	Jewellery and Precious Metalware Tradespersons
4925-01		Craftworkers
4925-01		Musical Instrument Makers and Repairers
4925-01	Supervisor,	
4927-01	Supervisor,	Hairdressers
4999-01	Supervisor,	Other Tradespersons
5101-01	•	Office Secretaries and Stenographers
5103-01		Typists and Typist-Clerks
5105-01		Word Processing Operators
5201-01	Supervisor,	Data Processing Machine Operators

5203-01	Supervisor, Bookkeeping Machine Operators
5203-01	Supervisor, Business Machine Operators
5301-01	Supervisor, Accounting Clerks
5301-01	Supervisor, Payroll Clerks
5303-01	Supervisor, Insurance and Broking Clerks
5305-01	Supervisor, Statistical and Actuarial Clerks
5401-01	Supervisor, Library and Filing Clerks
5403-01	Supervisor, Mail Sorters
5501-01	Supervisor, Production Recording Clerks
5503-01	Supervisor, Transport Recording and Despatching Clerks
5505-01	Supervisor, Stock and Purchasing Clerks
5603-01	Supervisor, Telephonists
5605-01	Supervisor, Messengers and Delivery Officers
5605-01	Supervisor, Postmen/women
6103-01	Supervisor, Insurance Brokers and Agents
6301-01	Supervisor, Sales Assistants
6401-01	Supervisor, Tellers
6403-01	Checkout Supervisor
6403-01	Supervisor, Cashiers
6501-01	Supervisor, Street Vendors, Canvassers and Sales Drivers
6503-01	Supervisor, Bar Attendants
6505-01	Supervisor, Waiters and Waitresses
6609-01	Supervisor, Travel Stewards
7107-01	Supervisor, Locomotive Drivers Dragline Supervisor
7201-01 7201-01	Pit Supervisor
7201-01	Supervisor, Excavating and Earthmoving Plant Operators
7207-01	Supervisor, Paving and Surfacing Plant Operators
7211-01	Supervisor, Fire Fighters
7301-01	Supervisor, Power Generation Plant Operators
7305-01	Supervisor, Chemical Pilot Plant Operators
7305-01	Supervisor, Chemical Plant Operators
7307-01	Supervisor, Oil and Gas Well Treatment Operators
7307-01	Supervisor, Oil, Gas and Pipe Testing Operators
7307-01	Supervisor, Petroleum and Gas Plant Operators
7309-01	Supervisor, Bulk Materials Handling Plant Operators
7309-01	Supervisor, Fluids Loading and Unloading Plant Operators
7311-01	Supervisor, Crane Operators
7313-01	Supervisor, Hoist, Winch and Lift Operators
7315-01	Supervisor, Blast Furnace Operators
7315-01	Supervisor, Furnace and Kiln Operators
7315-01	Supervisor, Roasting Plant Operators
7315-01	Supervisor, Smelting Plant Operators
7317-01	Supervisor, Drilling Plant Operators
7399-01	Supervisor, Other Stationary Plant Operators
7399-29	Irrigation Supervisor
7401-01	Supervisor, Basic Metal Products Machine Operators Supervisor, Plastics Production Machine Operators
7407-01	Supervisor, Rubber Production Machine Operators
7409-01 7411-01	Supervisor, Chemical Production Machine Operators Supervisor, Chemical Production Machine Operators
7411-01	Supervisor, Explosives Production Machine Operators
7411-01	Supervisor, Pharmaceuticals and Toiletries Production
7411 01	Machine Operators
7413-01	Supervisor, Plywood Making Machine Operators
7413-01	Supervisor, Saw Operators
7413-01	Supervisor, Wood Processing Machine Operators
7415-01	Supervisor, Paper and Paper Products Machine Operators
7417-01	Supervisor, Glass Furnace Operators
7417-01	Supervisor, Glass Production Machine Operators
7419-01	Supervisor, Clay and Stone Processing Machine Operators
7419-01	Supervisor, Concrete Products Machine Operators
7419-01	Supervisor, Fibre Cement Machine Operators
7421-01	Supervisor, Cotton Ginning Machine Operators
7421-01	Supervisor, Yarn Production Machine Operators
7423-01	Supervisor, Hide and Skin Processing Machine Operators
7425-01	Supervisor, Fabric Production Machine Operators

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	7427-01	Supervisor, Textile Sewing Machinists
	7431-01	Supervisor, Food Processing Machine Operators
	7433-01	Supervisor, Packaging Machine Operators
	7435-01	Supervisor, Photographic Developers and Printers
	7435-01 7435-01	Supervisor, Photographic Film Manufacturing Operators Supervisor, Photographic Products Machine Operators
	7499-01	Supervisor, Other Machine Operators
	8103-01	Supervisor, Assemblers
	8199-01	Supervisor, Other Trades Assistants and Factory Hands
	8201-01	Supervisor, Farm Hands and Assistants
	8203-01	Supervisor, Forestry Labourers
	8203-03	Supervisor, Logging Labourers
	8301-01	Supervisor, Cleaners
	8409-01	Supervisor, Paving and Surfacing Labourers
	8413-01	Supervisor, Railway Labourers
	8903-01 8905-01	Supervisor, Luggage Porters Supervisor, Garbage Collectors
	8907-01	Supervisor, Storemen/women
	8909-01	Supervisor, Freight and Furniture Handlers
	8911-01	Supervisor, Guards and Security Officers
	8917-01	Supervisor, Laundry Workers
	8921-01	Supervisor, Ward Helpers
	8923-01	Supervisor, Vehicle Accessories Fitters
SUPPLIES	6201-99	Sales Representative (Photographic Equipment and Supplies)
	6301-11	Sales Assistant (Hardware and Gardening Supplies)
	6301-21	Sales Assistant (Office Supplies)
	6301-99	Sales Assistant (Musical Equipment and Supplies)
	6301-99	Sales Assistant (Photographic Equipment and Supplies)
SUPPLY	1307-11	Military Supply Officer
	1307-11	Supply and Distribution Manager
	1307-11	Supply Manager
	2209-11	Water Supply Distribution Engineer
	3913-11	Supply Officer
	5505-11 7399-29	Supply Clerk
		Water Supply and Treatment Plant Operator
SUPPORT	2407-11	Educational Support Teacher
	3903-01 6607-13	Supervisor, Performing Arts Support Workers
	6607-13	Family Support Worker
SURFACE	7399-11	Surface Hydraulic Fill Operator
SURFACER	4999-13	Ophthalmic Lens Surfacer and Fitter
SURFACING	7207-01	Supervisor, Paving and Surfacing Plant Operators
	8409-01	Supervisor, Paving and Surfacing Labourers
	8409-11	Paving and Surfacing Labourer
SURGEON	2303-19	Orthopaedic Surgeon
	2303-35	Cardiothoracic Surgeon
	2303-35	Ophthalmic Surgeon
	2303-35	Otorhinolaryngological Surgeon
	2303-35	Paediatric Surgeon
	2303-35 2303-35	Plastic and Reconstructive Surgeon Surgeon
	2305-13	Oral Surgeon
	2323-11	Veterinary Surgeon
	4805-15	Tree Surgeon
SURGICAL	2303-35	Surgical Oncologist
	4915-11	Surgical Shoemaker
SURVEY	3201-17	Aerial Survey Technician
JOHNET	3207-15	Engineering Survey Drafting Officer
	5999-19	Survey Interviewer
	8411-11	Geological Survey Field Assistant
	8411-11	Seismic Survey Assistant

KEYWORD	CODE	TITLE
	8411-11 8411-11	Survey Hand Survey Recorder
SURVEYING	3207-15 3299-99	Surveying Associate Surveying Tracer
SURVEYOR	2203-11 2205-13 2205-13 2205-13 2205-13 2205-13 2205-13 3201-15 3303-17 3303-19 3303-19 3303-19 3303-19 3303-19 3303-19 3303-15 3905-21	Quantity Surveyor Cadastral Surveyor Engineering Surveyor Geodetic Surveyor Hydrographic Surveyor Photogrammetric Surveyor Surveyor Flight Surveyor Airways Surveyor Airworthiness Surveyor Airworthiness Surveyor (Airframes) Airworthiness Surveyor (Electrical and Instruments) Airworthiness Surveyor (Engines) Airworthiness Surveyor (Radio) Marine Engineer Surveyor Marine Surveyor
SURVEYOR'S	8411-11 8411-11	Surveyor's Assistant Surveyor's Chainman/woman
SUTURE	7411-11	Suture Maker
SWAMPY	8203-15	Swampy
SWEEP	8301-99	Chimney Sweep
SWEEPER	7299-99	Road Sweeper Operator
SWITCHBOARD	5603-11	Switchboard Operator
SWITCHING	7399-19	Railway Switching and Signalling Operator
SYLVICULTURIST	2107-25	Sylviculturist
SYRUP	7431-15 7431-15	Soft Drink and Syrup Making Machine Operator (except Dairy) Syrup Blender
SYSTEM	3299-99	Avionics System Technician (Air Force)
SYSTEMS	1311-11 1311-11 2707-13 2707-17 2707-19 2707-19 3201-15 3201-15 3201-17 3299-99 4399-99	Information Systems Manager Systems Manager (Data Processing) Systems Programmer Computer Systems Analyst Computer Systems Designer (Software) Computer Systems Engineer (Software) Communications and Data Systems Drafting Officer Control Systems Drafting Officer Communications Electronic Systems Technician (Air Force) Aircraft Systems Technician (Air Force) Electronic Instrument Tradesperson (Complex Systems)

KEYWORD	CODE	TITLE
TAB	1599-99 6405-11	TAB Manager TAB Clerk
TABLE	7429-11 7499-23	Shoemaking Table Hand Printing Table Hand
TABLET	7411-11	Tablet Making Machine Operator
TAFE	2503-01 2503-01 2503-01 2503-11 2503-13	Head of Department (TAFE) Head of School (TAFE) Head Teacher (TAFE) TAFE Teacher (Trades) TAFE Teacher (General Education)
TAILER	8199-13	Tailer Out
TAILINGS	8415-15	Tailings Dam Labourer
TAILOR	4911-11 4911-91	Tailor Apprentice Tailor
TAILORS	4911-01	Supervisor, Tailors
TAKE	1501-11	Take Away Food Outlet Manager
TAKER	5503-99 8901-15	Railway Number Taker Ticket Taker
TALLY	5501-13 5503-13	Production Tally Clerk Wharf Tally Clerk
TANK	4409-15 7309-11	Septic Tank Installer Tank Farm Operator
TANKER	7105-13	Tanker Driver
TANNERY	8199-27	Tannery Hand
TANNING	7423-11	Tanning Machine Operator
TAP	2813-13	Tap Dancer
TAPE	5401-11	Computer Tape Librarian
TATTOOIST	6699-99	Tattooist
TAVERN	1505-11	Tavern Manager
TAX	2701-11	Tax Agent
TAXI	7103-11 7105-11	Taxi Driver Taxi Truck Driver
TAXIDERMIST	3999-13	Taxidermist
TAXONOMIST	2107-19 2107-23	Plant Taxonomist Animal Taxonomist
TEA	8919-11	Tea Lady/Man
TEACHER	2401-11 2401-11 2401-11 2401-11 2403-01 2403-11 2403-11 2403-11 2405-01 2405-11 2407-11 2407-11 2407-11	Early Childhood Teacher Kindergarten Teacher Pre-Primary School Teacher Pre-School Teacher Senior Teacher, Infant-Primary School Infant School Teacher Junior Primary School Teacher Primary School Teacher Senior Teacher, Secondary School Secondary School Teacher Educational Support Teacher Integration Teacher Remedial Teacher Resource Teacher
	2407-13	Teacher of the Hearing Impaired

	2407-13	Teacher of the Intellectually Disabled
	2407-13	Teacher of the Visually Impaired
	2407-13	Teacher of Disabled or Gifted Students
	2407-99	Aboriginal Education Teacher
,	2407-99	Teacher of English as a Second Language
	2407-99	Teacher of Multi-cultural Studies
	2503-01	Head Teacher (TAFE)
	2503-11	TAFE Teacher (Trades)
	2503-13	TAFE Teacher (General Education)
	2505-11	Art Teacher (Private)
	2505-13	Music Teacher (Private)
	2505-13	Singing Teacher (Private)
	2505-15	Ballet Teacher
	2505-15	Dance Teacher (Private)
	2505-17	Drama Teacher (Private)
	2505-17	Elocution Teacher
	2505-25	Clinical Nurse Teacher
	2505-99	Dressmaking Teacher (Private)
	2505-99	Handicrafts Teacher (Private)
	2905-11	Curriculum Advisory Teacher
TEACHER-LIBRARIAN	2403-11	Primary Teacher-Librarian
TEACHER-LIBRARIAN	2405-11	Secondary School Teacher-Librarian
	2405-11	Secondary School reacher Librarian
TEACHERS'	5903-11	Teachers' Aide
	5903-11	Teachers' Assistant
TEACHING	2501-13	University or CAE Teaching Fellow
TEACHING	6601-99	Special Teaching Assistant
	0001 33	Special readining Assistant
TECHNICAL	2811-25	Technical Director
	2811-25	Technical Producer
	3101-11	Medical Laboratory Technical Officer
	3103-11	Chemical Instrumentation Technical Officer
	3103-11	Chemical Research Technical Officer
	3103-11	Chemistry Technical Officer
	3103-15	Earth Science Technical Officer
	3103-15	Geology Technical Officer
	3103-15	Geophysical Technical Officer
	3103-15	Meteorological Technical Officer
	3103-15	Soils Science Technical Officer
	3103-19	Optics Technical Officer
	3103-19	Physics Technical Officer
	3103-19	Spectroscopic Technical Officer
	3103-23 3103-23	Dyeing and Finishing Technical Officer
	3103-23	Fabric Design Technical Officer
	3103-25	Textiles Technical Officer Biology Technical Officer
	3103-25	Botany Technical Officer
	3103-25	Ecological Technical Officer
	3103-25	Fisheries Technical Officer
	3103-25	Forestry Technical Officer
	3103-25	Life Science Technical Officer
	3103-25	Microbiology Technical Officer
	3103-25	Zoology Technical Officer
	3103-27	Botanical Technical Assistant
	3103-29	Agricultural Technical Officer
	3103-29	Cereals Technical Officer
	3103-29	Horticultural Technical Officer
	3201-11	Electrical Engineering Technical Officer
	3201-15	Aircraft Electronics Technical Officer
	3201-15	Communications Engineering Technical Officer
	3201-15	Digital Controls Technical Officer
	3201-15	Electronics Engineering Technical Officer
	3201-15	Process Control Technical Officer
	3201-15	Telecommunications Technical Officer
	3203-11	Civil Engineering Technical Officer

KEYWORD	CODE	TITLE
	3205-11 3205-11	Heating and Ventilating Technical Officer
	3205-11	Mechanical Engineering Technical Officer Architectural Technical Officer
	3299-99	Aeronautical Engineering Technical Officer
	3299-99	Airframe Technical Officer
	3299-99	Welding Technical Officer
	7499-11	Tobacco Technical Operator
TECHNICIAN	3101-13	Clinical Biochemistry Technician
	3101-13	Clinical Microbiology Technician
	3101-13 3101-13	Cytopathology Technician Haematology Technician
	3101-13	Histopathology Technician
	3101-13	Medical Laboratory Technician
	3101-99	Anaesthetic Technician
	3101-99	Cardiac Technician
	3101-99 3101-99	Dialysis Technician Electrocardiographic Technician
	3101-99	Electroencephalographic Technician
	3101-99	Neurophysiological Technician
	3101-99	Renal Technician
	3103-13	Chemistry Technician
	3103-17 3103-17	Earth Science Technician Geochemical Technician
	3103-17	Geology Technician
	3103-17	Geophysics Technician
	3103-17	Hydrological Technician
	3103-17	Lapidary Technician
	3103-17 3103-17	Mineral Separation Technician Palaeontology Technician
	3103-17	Soil Science Technician
	3103-17	Well-Logging Technician
	3103-21	Physics Technician
	3103-21 3103-27	Vacuum Technician Animal Technician
	3103-27	Botanical Technician
	3103-27	Forestry Technician
	3103-27	Horticultural Technician
	3103-27	Hydroponics Technician
	3103-27 3103-27	Life Science Technician Mycological Technician
	3103-27	Plant Pathology Technician
	3103-31	Agricultural Technician
	3103-31	Artificial Insemination Technician
	3103-31 3103-31	Dairy Technician
	3103-31	Field Crop Technician Poultry Technician
	3201-13	Electrical Engineering Technician
	3201-13	Electrical Instrument Technician
	3201-17	Aerial Survey Technician
	3201-17 3201-17	Communications Electronic Systems Technician (Air Force) Communications Engineering Technician
	3201-17	Electronics Engineering Technician
	3201-17	Process Control Technician
	3201-17	Telemetry Technician
	3203-13	Civil Engineering Technician
	3205-13 3205-13	Boiler Testing Technician Hydraulic Controls Technician
	3205-13	Mechanical Engineering Technician
	3205-13	Pipe Testing Technician
	3207-11	Building Technician
	3299-11	Dye Penetrant Testing Technician
	3299-11 3299-11	Eddy Current Testing Technician
	3299-11	Heat Metal Technician
	3299-11	Magnetic Testing Technician

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TECHNICIAN-IN-TRAINING	3299-11 3299-11 3299-99 3299-99 3299-99 3299-99 3299-99 3903-01 3903-11 3903-11 3903-11 3903-15 3999-15 3999-15 3999-11 4311-11 4311-11 4311-11 4315-13 4999-11 4999-11 4999-11 4999-19 4999-29 4999-29 4311-91	Non-Destructive Testing Technician Pressure Testing Technician Ultrasonic Technician Aircraft Systems Technician (Air Force) Avionics System Technician (Air Force) Mining Technician Welding Technician Supervising Technician, Radio Operations Supervising Technician, TV Production Operations Audio Technician Sound Technician Light Technician Light Technician Museum and Art Gallery Technician Library Technician Photographic Studio Technician Air-Conditioning Technician Broadcasting Technician Telecommunications Technician Video Technician Computer Technician Optical Technician Optical Technician Saturation Technician Explosive Ordnance Demolition Technician Military Explosives Technician—In-Training
TECHNOLOGIST	2101-11	Food Technologist
	2321-15	Nuclear Medicine Technologist
TEEMER	7401-13	Teemer (Iron and Steel)
TELECINE	3903-15	Telecine Operator
TELECOM	5603-11	Manual Assistant (Telecom)
TELECOMMUNICATIONS	2211-13 2707-17 3201-15 4311-01 4311-13 4311-15 4311-15 4311-15 4311-91 4311-91 4311-91 4311-91 8101-15 8101-15	Telecommunications Engineer Telecommunications Analyst Telecommunications Technical Officer Telecommunications Line Supervisor Telecommunications Technician Telecommunications Tradesperson Telecommunications Cable Jointer Telecommunications Line Serviceman/woman Telecommunications Lineman/woman Telecommunications Line Serviceman/woman-in-Training Telecommunications Lineman/woman-in-Training Telecommunications Technician-in-Training Trainee Telecommunications Lineman/woman Electrical and Telecommunications Trades Assistant Telecommunications Lineman/woman's Assistant
TELEGRAPHIST	3999-11	Radio Telegraphist
TELEMETRY	3201-17	Telemetry Technician
TELEPHONE	5603-11 8999-99	Telephone Operator Public Telephone Money Collector
TELEPHONIST	5603-11	Telephonist
TELEPHONISTS	5603-01	Supervisor, Telephonists
TELEVISION	1305-13 2811-11 2811-21 2811-23 3903-15	Television Producer Art Director (Television, Film or Stage) Floor Manager (Television) Director (Radio or Television) Television Camera Operator

KEYWORD	CODE	TITLE
	3903-15 4313-01 4313-11 4313-11 4313-11	Television Equipment Operator Supervisor, Radio and Television Servicers Radio and Television Repairer Radio and Television Servicer Television Mechanic
	4313-91	Apprentice Radio and Television Servicer
TELLER	6401-11	Teller
TELLERS	6401-01	Supervisor, Tellers
TEMPERER	7315-13	Temperer
TEMPERING	7399-17	Oil Tempering Operator
TEMPLATE	4205-11 4205-91	Template Maker Apprentice Template Maker
TENONER	4901-11	Double-End Tenoner Operator
TERMINAL	5201-13	Remote Computer Terminal Operator
TERRAZZO	4413-11	Terrazzo Floor Layer
TESTER	7307-15 8109-15 8109-15 8109-15	Oil, Gas and Pipe Tester Coal Sample Tester Iron Pellet Tester Product Tester
TESTING	3205-13 3205-13 3299-11 3299-11 3299-11 3299-11 3299-11 7307-01 7307-15 8109-15	Boiler Testing Technician Pipe Testing Technician Dye Penetrant Testing Technician Eddy Current Testing Technician Magnetic Testing Technician Non-Destructive Testing Technician Pressure Testing Technician Supervisor, Oil, Gas and Pipe Testing Operators Oil and Gas Production Testing Operator Product Testing Assistant
TEXTILE	2805-15 4103-15 4103-91 7425-11 7425-15 7425-17 7425-21 7427-01 7427-11 7427-13 8109-13	Textile Designer Textile Mechanic Apprentice Textile Mechanic Textile Dresser Textile Slasher Textile Knitting Machine Operator Textile Dyeing and Finishing Machine Operator Textile Products Mender Supervisor, Textile Sewing Machinists Textile Sewing Machinist (Single Needle) Textile Sewing Machinist (Multi Needle) Textile Examiner
TEXTILES	3103-23 4911-19 6201-37	Textiles Technical Officer Patternmaker-Grader (Textiles) Sales Representative (Textiles, Clothing and Footwear)
TEXTURE	7421-11	Yarn Texture Machine Operator
THEATRE	3401-99 8901-15	Operating Theatre Nurse Theatre Attendant
THERAPEUTIC	2303-23 2321-13	Therapeutic Radiologist Medical Therapeutic Radiographer
THERAPIST	2309-11 2315-11 2603-13 3101-15 3101-15 6699-15	Occupational Therapist Speech Therapist Family Therapist Dental Therapist Oral Therapist Beauty Therapist
THERMAL	7405-11	Thermal Sprayer

KEYWORD	CODE	TITLE
THERMOFORMING	7407-11 7407-15	Thermoforming Machine Setter Thermoforming Machine Operator
THIRD	4103-21 4205-21 4209-17	Metal Machinist (Third Class) Welder (Third Class) Electroplater (Third Class)
THORACIC	2303-27	Thoracic Specialist
THROAT	2303-31	Ear, Nose and Throat Specialist
TICKET	3999-17 6405-11 8901-15 8901-15	Showcard Ticket Writer Ticket Seller Ticket Collector Ticket Taker
TIER-IN	7425-11	Tier-in
TILE	4413-11 7419-13	Wall and Floor Tile Fixer Clay, Brick and Tile Machine Operator
TILER	4411-11 4411-91 4413-11 4413-11 4413-11 4413-91	Roof Slater and Tiler Apprentice Roof Slater and Tiler Ceramic Tiler Mosaic Tiler Wall and Floor Tiler Apprentice Wall and Floor Tiler
TILER'S	8101-13 8101-13	Roof Slater and Tiler's Assistant Wall and Floor Tiler's Assistant
TILERS	4411-01 4413-01	Supervisor, Roof Slaters and Tilers Supervisor, Wall and Floor Tilers
TIMBER	7315-15 7399-21 7413-17 8109-11 8199-13	Timber Kiln Operator Timber Treatment Plant Operator Timber Stock Cutter Timber Grader Timber Stacker
TIMBERMAN/WOMAN	8415-11	Timberman/woman (Mining)
TINNING	8199-11	Tinning Line Assistant
TINTER	8401-11	Window Tinter
TIPSTAFF	5907-15	Tipstaff
TITLE	5907-13	Title Searcher
TOBACCO	1401-15 1401-15 6201-29 7499-11 7499-13 7499-13	Tobacco Farm Manager Tobacco Grower Sales Representative (Food, Drink and Tobacco Products) Tobacco Technical Operator Tobacco Dryer Attendant Tobacco Machine Attendant
TOILETRIES	6201-33 6301-23 7411-01 7411-11	Sales Representative (Toiletries) Sales Assistant (Pharmaceutical Products and Toiletries) Supervisor, Pharmaceuticals and Toiletries Production Machine Operators Pharmaceuticals and Toiletries Production Machine Operator Toiletries Moulder and Compressor
TONG	7317-11	Power Tong Operator
TOOL	3205-11 3205-13 3205-13 4101-01 4101-11 4103-19 7317-11	Tool Design Draftsperson Tool Designer Tool Design Detail Draftsperson Supervisor, Tool Room Tool and Die Maker Machine Tool Operator (Metal) Fishing Tool Operator

KEYWORD	CODE	TITLE
TOOLMAKER	4101-11 4101-91	Toolmaker Apprentice Toolmaker
TOOLMAKERS	4101-01	Supervisor, Toolmakers
TOOLPUSHER	7317-01	Toolpusher
TOOLSMITH	4201-11	Toolsmith
TOPMAN/WOMAN	7431-11	Topman/woman
TOPOGRAPHIC	3207-15	Topographic Drafting Officer
TORQUE-TURN	7307-15	Torque-turn Computer Operator
TOUGHENING	7417-11	Glass Toughening Operator
TOUR	6699-13	Tour Leader
TOURIST	6507-13 6507-13 6699-13	Tourist Adviser Tourist Officer Tourist Guide
TOW	7105-13	Tow Truck Driver
TOWN	2907-11	Town Planner
TOXICOLOGIST	2107-99	Toxicologist
TOYS	6201-19 6301-99	Sales Representative (Toys and Sporting Goods) Sales Assistant (Sports Equipment and Toys)
TRACER	3299-99 3299-99 3299-99	Architectural Tracer Engineering Tracer Surveying Tracer
TRACK	7299-11 7317-11 8413-11	Railway Track Repair Machine Operator Air Track Operator Railway Track Patrolman/woman
TRACTOR	7209-11	Farm Tractor Driver
TRADE	1201-11 2799-13 2799-13 2901-11	Trade Union Secretary Trade Union Official Trade Union Organiser International Trade Economist
TRADES	2503-11 4799-91 4905-91 4917-91 4999-91	TAFE Teacher (Trades) Apprentice, Other Food Trades Apprentice, Other Wood Trades Apprentice, Other Leather and Canvas Trades Apprentice, Other Trades
•	8101-11 8101-13 8101-13 8101-13 8101-13 8101-15 8101-99 8199-01	Metal Trades Assistant Bricklayer's Trades Assistant Carpenter's Trades Assistant Construction Trades Assistant Plumber's Trades Assistant Electrical and Telecommunications Trades Assistant Motor Mechanic's Trades Assistant Supervisor, Other Trades Assistants and Factory Hands
TRADESPERSON	4201-91 4203-91 4205-13 4205-91 4205-91 4207-91 4209-91 4213-91	Apprentice Forging Tradesperson Apprentice Sheetmetal Tradesperson Structural Steel Tradesperson Apprentice Structural Steel Tradesperson Apprentice Structural Steel, Boilermaking and Welding Tradesperson Apprentice Metal Casting Tradesperson Apprentice Metal Finishing Tradesperson Apprentice Precision Metal Tradesperson
	4301-91 4311-11 4311-13	Apprentice Electrical Powerline Tradesperson Broadcasting Tradesperson Telecommunications Tradesperson

KEYWORD	CODE	TITLE
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	4311-91	Trainee Communications Equipment Tradesperson
	4399-99	Apprentice Electronic Instrumentation Tradesperson
	4399-99	Electronic Instrument and Control Tradesperson
	4399-99	Electronic Instrument Tradesperson (Complex Systems)
	4503-91	Apprentice Graphic Reproduction Tradesperson
	4701-91	Apprentice Meat Tradesperson
	4907-91	Apprentice Marine Construction Tradesperson
	4911-91	Apprentice Garment Tradesperson
	4913-91	Apprentice Upholsterer and Bedding Tradesperson
	4921-11 4921-91	Flat Glass Tradesperson
	4923-91	Apprentice Flat Glass Tradesperson Apprentice Jewellery and Precious Metalware Tradesperson
TRADESPERSONS	4201-01	Supervisor, Forging Tradespersons
	4203-01	Supervisor, Sheetmetal Tradespersons
	4205-01	Supervisor, Structural Steel, Boilermaking and Welding Tradespersons
	4207-01	Supervisor, Metal Casting Tradespersons
	4209-01	Supervisor, Metal Finishing Tradespersons
	4213-01	Supervisor, Precision Metal Tradespersons
	4301-01	Supervisor, Electrical Powerline Tradespersons
	4311-01	Supervisor, Communications Equipment Tradespersons
	4399-01	Supervisor, Other Electrical and Electronics Tradespersons
	4503-01	Supervisor, Graphic Reproduction Tradespersons
	4701-01	Supervisor, Meat Tradespersons
	4799-01	Supervisor, Other Food Tradespersons
	4905-01	Supervisor, Other Wood Tradespersons
	4907-01	Supervisor, Marine Construction Tradespersons
	4909-01 4911-01	Supervisor, Blasting Tradespersons Supervisor, Garment Tradespersons
	4913-01	Supervisor, Upholsterers and Bedding Tradespersons
	4915-01	Supervisor, Shoemaking and Repairing Tradespersons
	4917-01	Supervisor, Other Leather and Canvas Tradespersons
	4921-01	Supervisor, Glass Tradespersons
	4923-01	Supervisor, Jewellery and Precious Metalware Tradespersons
	4999-01	Supervisor, Other Tradespersons
TRADING	6101-11	Trading Floor Operator (Stock Exchange)
TRAFFIC	2907-11	Traffic and Transport Planner
	3303-11	Air Traffic Controller
	3303-91	Trainee Air Traffic Controller
	3905-31 5501-11	Traffic Inspector Radio Traffic Scheduler
	5503-11	Freight Traffic Controller
	6405-11	Airline Traffic Officer (Passenger Services)
TRAIN	3905-17	Train Examiner
	6405-13	Train Conductor
	7105-13	Road Train Driver
	7107-11	Train Driver
	7309-11	Train Loader Operator
TRAINEE	1319-91	Trainee Officer (Defence Forces)
	1401-91	Trainee Farm Manager
	1401-91	Trainee Farmer
	2701-91 3303-91	Trainee Accountant Trainee Air Traffic Controller
	3303-93	Trainee Flight Service Officer
	3303-93	Trainee Marine Engineer
	4301-91	Trainee Electrical Linesman/woman
	4311-91	Trainee Communications Equipment Tradesperson
	4311-91	Trainee Telecommunications Lineman/woman
	4315-91	Trainee Office Equipment and Computer Servicer
	4799-93	Trainee Miller
	4921-93	Trainee Glass Blower
	7107-91	Trainee Locomotive Driver
	7201-91	Trainee Excavating and Earthmoving Plant Operator

KEYWORD	CODE	TITLE
	7305-91	Trainee Chemical Plant Operator
TRAINER	3915-11 4931-99 4931-99	Sports Trainer Dog Trainer Horse Trainer
TRAINERS	4931-99	Animal Trainers nec
TRAINING	1309-11 2705-13	Training Manager Training Officer
TRAM	3905-31 6405-13 7101-13	Tram Inspector Tram Conductor Tram Driver
TRAMWAY	8413-01 8413-11	Tramway Ganger Tramway Labourer
TRANSCEIVER	5201-15	Data Transceiver Operator
TRANSFUSIONIST	2303-37	Blood Transfusionist
TRANSLATOR	2999-21	Translator
TRANSMITTER	3903-17	Broadcast Transmitter Operator
TRANSPORT	1307-11 2209-11 2901-11 2907-11 5503-01 5503-11 6405-13 7105-13 7399-29	Transport Manager Transport Engineer (Army) Transport Economist Traffic and Transport Planner Supervisor, Transport Recording and Despatching Clerks Transport Clerk Transport Conductor Stock Transport Driver Lock Master (Water Transport)
TRAVEL	3905-99 6507-11 6507-11 6609-01	Travel Accommodation Inspector Travel Agent (Commercial) Travel Consultant Supervisor, Travel Stewards
TRAWLER	3305-11	Trawler Master
TREASURER	1301-11	Treasurer (except government)
TREATING	7399-11 7399-11	Mineral Ore Treating Plant Operator Ore Treating Solution Operator
TREATMENT	2207-11 7307-01 7307-13 7307-13 7307-13 7315-13 7399-21 7399-29 7431-21 8415-13	Water Treatment Engineer Supervisor, Oil and Gas Well Treatment Operators Oil and Gas Well Treatment Operator Well Treatment Blender Operator Well Treatment Pump Operator Heat Treatment Furnace Operator Timber Treatment Plant Operator Water Supply and Treatment Plant Operator Milk Treatment Machine Operator Well Treatment Offsider
TREE	3103-27 4805-15 4805-15 7205-11 8203-11 8203-13	Tree Marker Tree Doctor Tree Surgeon Tree Feller Operator Tree Faller Tree Planter
TRENCH-DIGGING	7201-17	Trench-digging Machine Operator
TRIBUNAL	1103-17 1103-19	Administrative Appeals Tribunal Member Industrial Tribunal Member
TRIM	7413-13	Trim Saw Operator
TRIMMER	4609-11	Vehicle Trimmer

KEYWORD	CODE	TITLE
	4609-91	Apprentice Vehicle Trimmer
	7413-17	Wood Trimmer
	7413-19 8199-35	Veneer Trimmer Operator Meat Trimmer
TRIMMERS	4609-01	Supervisor, Vehicle Trimmers
TROOPER	7499-19	Assault Trooper
TRUCK	5503-11	Truck Despatcher
mook	7105-11	Taxi Truck Driver
	7105-13	Haul Truck Driver
	7105-13 7105-13	Heavy Truck Driver Tow Truck Driver
	7201-23	Underground Truck Operator
	7203-11	Reach Truck Driver
	7203-11 8909-17	Turret Truck Driver Truck Driver's Offsider
TRUST	5907-99	Trust Officer
TUBE	8923-11 7317-11	Tyre and Tube Fitter
TUBING TUCKPOINTER	4403-11	Reeled Tubing Operator Tuckpointer
TUFTING	7425-99	Tufting Machine Operator
TUG	3305-11	Tug Master
100	8925-11	Tug Hand
TUNER	4103-15	Loom Tuner
	4925-11 4925-91	Piano Tuner Apprentice Piano Tuner
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TURBINE .	7301-11 7307-11	Power Generation Turbine Room Operator Gas Compressor Turbine Operator
TURNER	4103-11	Fitter and Turner
	4103-13	Turner
	4103-91 4901-13	Apprentice Fitter, Turner and Machinist Wood Turner
	4901-93	Apprentice Wood Turner
	7419-17	Porcelain Turner
TURNERS	4901-01	Supervisor, Wood Machinists and Turners
TURNING	4901-13	Wood Turning Lathe Operator
TURNSTILE	8901-15	Turnstile Attendant
TURRET	7203-11	Turret Truck Driver
TUTOR	2501-13	University or CAE Tutor
TV	3903-01	Supervising Technician, TV Production Operations
TYPESETTER	4501-11	Typesetter
TYPIST	5103-13	Typist
TYPIST-CLERK	5103-11	Typist-Clerk
TYPIST-CLERKS	5103-01	Supervisor, Typists and Typist-Clerks
TYPISTS	5103-01	Supervisor, Typists and Typist-Clerks
TYRE	7409-11	Tyre Builder
	7409-11 7409-11	Tyre Production Machine Operator Tyre Retreader
	8109-13	Tyre Finisher and Examiner
	8923-11	Tyre and Tube Fitter
TYRES	6301-25	Sales Assistant (Tyres)

KEYWORD	CODE	TITLE
ULTRASONIC	3299-11	Ultrasonic Technician
UMPIRE	3915-19	Umpire
UNDERGROUND	7107-11 7201-23 7201-23	Underground Locomotive Driver Underground Plant Operator Underground Truck Operator
UNDERMANAGER	3299-99	Mine Undermanager
UNDERTAKER	6699-11	Undertaker
UNDERTAKER'S	8999-21	Undertaker's Assistant
UNDERWRITER	6103-11	Insurance Underwriter
UNION	1201-11 1507-11 2799-13 2799-13	Trade Union Secretary Credit Union Manager Trade Union Official Trade Union Organiser
UNIT	5201-13 7307-11 7317-11	Visual Display Unit Operator Petroleum Process Unit Operator Snubbing Unit Operator
UNIVERSITY	2501-11 2501-13 2501-13 2501-13	University or CAE Lecturer University or CAE Demonstrator University or CAE Teaching Fellow University or CAE Tutor
UNLOADING	7309-01	Supervisor, Fluids Loading and Unloading Plant Operators
UPHOLSTERER	4609-11 4913-11 4913-91	Vehicle Upholsterer Furniture Upholsterer Apprentice Upholsterer and Bedding Tradesperson
UPHOLSTERERS	4913-01	Supervisor, Upholsterers and Bedding Tradespersons
URBAN	2907-11	Urban and Regional Planner
UROLOGIST	2303-33	Urologist
USAGE	3905-25	Water Usage Inspector
USEFUL	8999-19	Hotel Useful
USHER	5907-15 8901-13	Court Usher Entertainment Usher
UTILITIES	3905-99	Patrolman/woman (Utilities)
UTILITY	3905-99	Utility Man/Woman

KEYWORD	CODE	TITLE
VACUUM	3103-21	Vacuum Technician
VALUER	6199-13	Valuer
VAN	6501-13 7105-11	Cash Van Salesperson Van Driver
VARIETY	2817-13	Variety Artist
VEGEMITE	7431-99	Vegemite Maker
VEGETABLE	1401-33 1401-33 7431-15 7431-99 7431-99 8105-13 8109-11 8199-47 8201-13 8201-13	Vegetable Farm Manager Vegetable Grower Fruit and Vegetable Juicer Operator Fruit and Vegetable Dehydrator Fruit and Vegetable Peeling Machine Operator Fruit and Vegetable Packer Fruit and Vegetable Classer Fruit and Vegetable Factory Hand Fruit, Vegetable and Nut Farm Hand Fruit, Vegetable and Nut Picker
VEHICLE	4601-01 4605-01 4605-11 4605-91 4607-01 4607-11	Supervisor, Vehicle Mechanics Supervisor, Vehicle Painters Vehicle Painter Apprentice Vehicle Painter Supervisor, Vehicle Body Makers Vehicle Body Builder
	4607-11	Vehicle Body Maker
	4607-91 4609-01 4609-11 4609-11	Apprentice Vehicle Body Maker Supervisor, Vehicle Trimmers Vehicle Trimmer Vehicle Upholsterer
	4609-91	Apprentice Vehicle Trimmer
	6301-25 7499-19	Sales Assistant (Vehicle Parts and Accessories) Armoured Fighting Vehicle Crewman
	7499-19	Armoured Fighting Vehicle Driver
	8103-11 8109-13	Vehicle Assembler Vehicle Assembly Inspector
	8301-21	Motor Vehicle Cleaner
	8923-01 8923-11	Supervisor, Vehicle Accessories Fitters Vehicle Accessories Fitter
VEHICLES	6301-19 7299-99	Sales Assistant (Caravans and Motor Vehicles) Specialist Vehicles Operator (Army)
VENDING	4399-13 8999-15	Vending Machine Servicer Vending Machine Attendant
VENDOR	6501-13 6501-17	Milk Vendor Street Vendor
VENDORS	6501-01	Supervisor, Street Vendors, Canvassers and Sales Drivers
VENEER	7413-19 7413-19 7413-19 7413-19 7413-19 7413-19 7413-21	Veneer Clipper Veneer Guillotine Operator Veneer Lathe and Slicer Operator Veneer Production Machine Operator Veneer Splicing Machine Operator Veneer Trimmer Operator Plywood and Veneer Repairer
VENTILATING	3205-11	Heating and Ventilating Technical Officer
VENTILATION	3299-99 8415-11	Mine Ventilation Officer Mine Ventilation Hand
VENTRILOQUIST	2817-13	Ventriloquist
VERIFIER	5201-13 8109-15	Verifier Operator Glassware Verifier

KEYWORD	CODE	TITLE
VERMIN	3905-99	Vermin and Noxious Weeds Inspector
VERTICAL	4103-13	Vertical Borer
VESSEL	3305-11 3307-11	Fishing Vessel Master Motor Vessel Engineer Officer
VESSELS	3905-13	Boilers and Pressure Vessels Inspector
VETERINARIAN	2323-11	Veterinarian
VETERINARY	2107-23 2107-23 2323-11 6201-15 8999-23 8999-23	Veterinary Parasitologist Veterinary Pathologist Veterinary Surgeon Sales Representative (Medical, Dental and Veterinary Equipment) Veterinary Attendant Veterinary Nurse
VIDEO	3903-11 4313-11	Video and Sound Recorder Video Technician
VIEWER	8109-13	Metal Products Viewer
VIROLOGIST	2107-99	Virologist
VISION	3903-15	Vision Mixer
VISUAL	5201-13	Visual Display Unit Operator
VISUALLY	2407-13	Teacher of the Visually Impaired
VITICULTURIST	1401-31	Viticulturist
VOCALIST	2815-15	Vocalist
VOCATIONAL	2303-39 2603-17	Vocational Rehabilitation Specialist Vocational Counsellor

KEYWORD	CODE	TITLE
WAITER/WAITRESS	6505-01 6505-11	Head Waiter/Waitress Formal Service Waiter/Waitress
	6505-11	Silver Service Waiter/Waitress
	6505-13	Drink Waiter/Waitress
	6505-13	Wine Waiter/Waitress
	6505-15	Waiter/Waitress (General)
WAITERS	6505-01	Supervisor, Waiters and Waitresses
WAITRESSES	6505-01	Supervisor, Waiters and Waitresses
WALL	4413-01	Supervisor, Wall and Floor Tilers
	4413-11 4413-11	Wall and Floor Tile Fixer Wall and Floor Tiler
	4413-11	Apprentice Wall and Floor Tiler
	8101-13	Wall and Floor Tiler's Assistant
WARD	3401-01	Ward Supervisor
	5601-15	Hospital Ward Clerk
	8921-01 8921-11	Supervisor, Ward Helpers Ward Assistant
WARDEN	3999-31	Park Warden
WARDROBE	4911-01	Wardrobe Co-ordinator
	4911-13	Wardrobe Assistant
WARDSMAN/MAID	8921-11	Wardsman/maid
WAREHOUSE	8907-11	Warehouse Assistant
WARP	7425-11	Warp Beamer
	7425-11 7425-11	Warp Machine Operator Warp Sizer
WARRANT	3999-33 3999-33	Disciplinary Warrant Officer Warrant Officer Coxswain
WARRANTY	5301-13	Warranty Clerk
WASH	7399-11 8301-21	Wash Plant Operator Car Wash Attendant
WATCH	4213-13 4213-91	Watch and Clock Maker and Repairer Apprentice Watch and Clock Repairer
WATCHES	6201-99 6301-99	Sales Representative (Jewellery and Watches) Sales Assistant (Watches and Jewellery)
WATCHMAKER	4213-13	Watchmaker
WATCHMAN/WOMAN	8911-13	Night Watchman/woman
WATER	2199-11	Water Quality Analyst
	2207-11	Water Treatment Engineer
	2209-11	Water Supply Distribution Engineer
	3905-21	Water Quality Inspector
	3905-25	Water Usage Inspector
	4999-23 7317-11	Shallow Water Diver Water Well Driller
	7399-29	Lock Master (Water Transport)
	7399-29	Water Supply and Treatment Plant Operator
WATERSIDE	8909-15	Waterside Worker
WEAPONS	7499-19	Military Weapons Operator
WEAVER	7425-13 7425-13	Carpet Weaver Weaver
WEED	8999-13	Pest and Weed Controller
WEEDS	3905-99	Vermin and Noxious Weeds Inspector
WEIGHBRIDGE	7399-99	Weighbridge Operator

KEYWORD	CODE	TITLE
WEIGHER	8109-17	Product Weigher
WEIGHTS	3905-99	Weights and Measures Inspector
WELDER	4205-15 4205-17 4205-17 4205-19 4205-19 4205-19 4205-21 4205-91	Pressure Welder Welder (First Class) Welder (Special Class) Arc Welder Metal-Inert-Gas Welder Plasma-arc Welder Welder (Second Class) Welder (Third Class) Apprentice Welder
WELDER-CUTTER	4205-19 4205-19	Gas Welder-Cutter Oxy-acetylene Welder-Cutter
WELDING	3299-99 3299-99 4205-01 4205-19 4205-91	Welding Technical Officer Welding Technician Supervisor, Structural Steel, Boilermaking and Welding Tradespersons Gas-shielded Arc Welding Operator Apprentice Structural Steel, Boilermaking and Welding Tradesperson
WELFARE	3401-13 3901-15	Infant Welfare Nurse Welfare Officer
WELL	7307-01 7307-13 7307-13 7307-13 7307-13 7317-11 8415-13	Supervisor, Oil and Gas Well Treatment Operators Oil and Gas Well Treatment Operator Oil Well Cementer Well Treatment Blender Operator Well Treatment Pump Operator Water Well Driller Well Treatment Offsider
WELL-LOGGING	3103-17	Well-Logging Technician
WELT	7427-13	Pocket Welt Machine Operator
WHARF	5503-13 8909-15	Wharf Tally Clerk Wharf Labourer
WHEAT	1401-11	Wheat Farmer
WHEEL	7419-99	Abrasive Wheel Maker
WHOLESALER	1601-17	Wholesaler
WILDLIFE	3905-99	Fisheries and Wildlife Inspector
WINCH	7313-01 7313-11	Supervisor, Hoist, Winch and Lift Operators Hoist, Winch and Lift Operator
WINDER	4303-11 4303-11 8103-13	Armature Winder Heavy Coil Winder Light Coil Winder
WINDING	7313-11	Winding Engine Driver
WINDOW	3999-19 8103-11 8301-17 8401-11	Window Dresser Metal Window Assembler Window Cleaner Window Tinter
WINDSCREEN	8923-11	Windscreen Fitter
WINE	6505-13 6505-13	Wine Steward/Stewardess Wine Waiter/Waitress
WINERY	7431-17	Winery Cellarhand
WINZE	7317-11	Winze Sinker
WIRE	7401-15	Wire Drawing Machine Operator

KEYWORD	CODE	TITLE
	7407-25	Wire Sheather
WOOD	4901-01	Supervisor, Wood Machinists and Turners
	4901-11	Jig Maker (Wood)
	4901-11	Wood Machinist (A-Grade)
	4901-13 4901-13	Wood Turner Wood Turning Lathe Operator
	4901-15	Wood Machinist (B-Grade)
	4901-17	Wood Machinist (C-Grade)
	4901-91	Apprentice Wood Machinist
	4901-93	Apprentice Wood Turner
	4905-01	Supervisor, Other Wood Tradespersons
	4905-01	Supervisor, Wood Carvers
	4905-11	Wood Carver
	4905-91 4905-91	Apprentice Wood Carver Apprentice, Other Wood Trades
	7399-17	Wood Chipping and Particleboard Plant Operator
	7413-01	Supervisor, Wood Processing Machine Operators
	7413-17	Wood Trimmer
	7413-23	Wood Laminating Press Operator
	8103-17	Wood Products Assembler
	8199-15	Wood and Wood Products Factory Hand
WOODWODKING	8199-15	Wood and Wood Products Labourer
WOODWORKING	4901-11	Woodworking Machine Setter
WOOL	1401-21	Wool Grower
	3913-13 3999-35	Wool Buyer Wool Classer
	7421-15	Wool Scouring Operator
	8201-15	Wool Presser
WOOLPULLING	7423-11	Woolpulling Machine Operator
WORD	5105-01	Supervisor, Word Processing Operators
	5105-11	Word Processing Operator
WORK	2799-15	Work Study Officer
WORKER	2601-13	Community Social Worker
	2601-15	Social Case Worker
	3901-11 3901-15	Community Worker Residental Care Worker
	3901-15	Social Worker Associate
	3901-17	Youth Worker
	4203-11	Sheetmetal Worker (First Class)
	4203-17	Sheetmetal Worker (Second Class)
	4999-27	Aircraft Safety Equipment Worker
	6601-15	Day Care Worker
	6601-19	Child Care Group Worker
	6601-21 6607-13	Refuge Worker Family Support Worker
	7399-33	Carbon Plant Worker
	7431-17	Brewery Cellar Worker
	7431-19	Casings Worker
	8199-37	Poultry Process Worker
	8199-39	Fish Process Worker
	8199-43	Cheese Factory Worker
	8199-43	Milk Processing Worker
	8199-45	Egg Process Worker
	8201-99 8203-13	Fish Farm Worker Forestry Worker
	8203-13 8203-15	Logging Worker
	8403-11	Concrete Worker
	8409-11	Asphalt Worker
	8409-11	Bitumen Worker
	8409-11	Road Maintenance Worker
	8415-11	Pit Crew Worker
	8415-13	Derrick Worker

KEYWORD	CODE	TITLE
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	8499-17 8909-15	Demolition Worker Waterside Worker
WORKERS	8917-11 2999-15	Laundry Worker Research Workers nec
WORKERS	3903-01 4701-01 6601-99 8917-01	Supervisor, Performing Arts Support Workers Supervisor, Abattoir Workers Child Care, Refuge and Related Workers nec Supervisor, Laundry Workers
WORKS	1305-11 3207-11	Works Manager Clerk of Works
WRAP	7433-99	Shrink Wrap Operator
WRAPPER	8105-11	Meat Wrapper
WRITER	2807-15 2807-99 2807-99 2809-11 3999-17	Continuity Writer Editorial Writer Leader Writer Script Writer Showcard Ticket Writer

KEYWORD	CODE	TITLE
YARD	7399-19	Railway Yard Assistant
YARDMAN/WOMAN	8999-19	Hotel Yardman/woman
YARN	7421-01 7421-11 7421-11 7421-11 7421-11	Supervisor, Yarn Production Machine Operators Yarn Carding and Spinning Machine Operator Yarn Comber Yarn Drawing Machine Operator Yarn Texture Machine Operator
YEAST	7431-99	Yeast Maker
YOGURT	7431-21	Yogurt Maker
YOUTH	3901-17 3901-17 3901-17	Youth Leader Youth Officer Youth Worker

KEYWORD	CODE	TITLE
ZOOLOGIST	2107-23 2107-23	Soil Zoologist Zoologist
ZOOLOGY	3103-25	Zoology Technical Officer

